

**USESCHOOL**  
American School Curriculum

**Regular Course**

**Grade4**

**Math**

**Answer Keys**



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## Questions and Responses

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### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Standard and Expanded Form #(3394)

1. [MA4AA01 A] Find the expanded form.

**8,190,278**

A)  $8,000,000 + 100,000 + 90,000 + 2,000 + 700 + 80$

B)  $8,000,000 + 100,000 + 90,000 + 200 + 70 + 8$

C)  $8,000,000 + 10,000 + 9,000 + 200 + 70 + 8$

2. [MA4AA01 B] Find the expanded form.

**4,037,180**

A)  $40,000,000 + 300,000 + 7,000 + 10 + 8$

B)  $4,000,000 + 30,000 + 700 + 10 + 8$

C)  $4,000,000 + 30,000 + 7,000 + 100 + 80$

3. [MA4AA01 C] Find the expanded form

**8,005,702**

A)  $8,000,000 + 5,000 + 700 + 2$

B)  $8,000,000 + 500,000 + 700 + 20$

C)  $8,000,000 + 50,000 + 700 + 2$

4. [MA4AA01 D] Find the expanded form.

**17,630,882**

A)  $10,000,000 + 7,000,000 + 600,000 + 30,000 + 800 + 80 + 2$

B)  $17,000,000 + 630,000 + 882$

C)  $10,000,000 + 7,000,000 + 60,000 + 3,000 + 800 + 80 + 2$

5. [MA4AA01 E] Find the expanded form.

**50,201,489**

A)  $50,000,000 + 201,000 + 489$

B)  $50,000,000 + 200,000 + 10,000 + 400 + 89$

C)  $50,000,000 + 200,000 + 1,000 + 400 + 80 + 9$

6. [MA4AA01 F] Find the expanded form.

**68,020,075**

A)  $60,000,000 + 8,000,000 + 20,000 + 70 + 5$

B)  $68,000,000 + 20,000 + 75$

C)  $600,000,000 + 80,000,000 + 200,000 + 700 + 5$

7. [MA4AA01 G] Find the expanded form.

**184,350,220**

A)  $100,000,000 + 80,000,000 + 4,000,000 + 300,000 + 5,000 + 200 + 2$

B)  $100,000,000 + 80,000,000 + 4,000,000 + 300,000 + 50,000 + 200 + 20$

C)  $100,000,000 + 80,000,000 + 4,000,000 + 30,000 + 5,000 + 20 + 2$

8. [MA4AA01 H] Find the expanded form.

**290,607,214**

A)  $200,000,000 + 9,000,000 + 60,000 + 7,000 + 200 + 10 + 4$

B)  $20,000,000 + 9,000,000 + 600,000 + 70,000 + 200 + 10 + 4$

C)  $200,000,000 + 90,000,000 + 600,000 + 7,000 + 200 + 10 + 4$

9. [MA4AA01 I] Find the expanded form.

**405,210,008**

A)  $400,000,000 + 5,000,000 + 200,000 + 10,000 + 8$

B)  $400,000,000 + 50,000,000 + 20,000 + 1,000 + 80$

C)  $400,000,000 + 5,000,000 + 200,000 + 1,000 + 8$

10. [MA4AA01 J] Find the expanded form.

**200,407,800**

A)  $200,000,000 + 40,000,000 + 70,000 + 80$

B)  $20,000,000 + 400,000 + 70,000 + 80$

C)  $200,000,000 + 400,000 + 7,000 + 800$

11. [MA4AA01 K] Find the standard form.

$$2,000,000 + 400,000 + 70,000 + 100 + 80 + 3$$

- A) 2,470,183  
 B) 2,407,183  
 C) 24,700,183
12. [MA4AA01 L] Find the standard form.

$$1,000,000 + 30,000 + 6,000 + 800 + 10$$

- A) 1,306,801  
 B) 1,360,081  
 C) 1,036,810
13. [MA4AA01 M] Find the standard form.

$$7,000,000 + 1,000 + 300 + 6$$

- A) 7,100,360  
 B) 7,001,306  
 C) 7,010,036
14. [MA4AA01 N] Find the standard form.

$$50,000,000 + 7,000,000 + 300,000 + 80,000 + 600 + 20 + 5$$

- A) 570,308,625  
 B) 57,380,625  
 C) 57,038,625
15. [MA4AA01 O] Find the standard form.

$$70,000,000 + 200,000 + 4,000 + 600$$

- A) 72,400,600  
 B) 70,240,006  
 C) 70,204,600
16. [MA4AA01 P] Find the standard form.

$$10,000,000 + 3,000,000 + 70,000 + 20 + 1$$

- A) 13,070,021  
 B) 103,700,210  
 C) 13,007,201
17. [MA4AA01 Q] Find the standard form.

$$100,000,000 + 50,000,000 + 8,000,000 + 200,000 + 70,000 + 100 + 90$$

- A) 158,207,190  
 B) 158,270,190  
 C) 158,027,091
18. [MA4AA01 R] Find the standard form.

$$300,000,000 + 90,000,000 + 200,000 + 1,000 + 900 + 40 + 2$$

- A) 309,210,942  
 B) 390,021,942  
 C) 390,201,942
19. [MA4AA01 S] Find the standard form.

$$600,000,000 + 1,000,000 + 300,000 + 20,000 + 8$$

- A) 601,320,008  
 B) 610,302,080  
 C) 601,032,800
20. [MA4AA01 T] Find the standard form.

$$500,000,000 + 700,000 + 2,000 + 800$$

- A) 507,020,080  
 B) 500,702,800  
 C) 500,070,280

## Questions and Responses

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## Lesson Quiz

Date: 3/17/2021

Subject: Math

Level: 4

Lesson: Write Numbers #(3395)

1. [MA4AA02 A] Listen to this number. Which is the correct way to write it?  
A) 17,112,130  
 B) 17,112,013  
C) 170,012,113  
D) 17,130
2. [MA4AA02 C] Listen to this number. Which is the correct way to write it?  
 A) 918,408,400  
B) 900,184,840  
C) 980,148,400  
D) 908,048,040
3. [MA4AA02 E] Listen to this number. Which is the correct way to write it?  
A) 300,742,012  
B) 3,742,120  
C) 37,420,012  
 D) 307,402,012
4. [MA4AA02 G] Listen to this number. Which is the correct way to write it?  
 A) 109,637,620  
B) 100,937,620  
C) 191,037,062  
D) 119,137,602
5. [MA4AA02 I] Listen to this number. Which is the correct way to write it?  
A) 808,900,518  
B) 88,095,108  
 C) 88,905,018  
D) 80,895,018
6. [MA4AA02 K] Listen to this number. Which is the correct way to write it?  
 A) 62,045,450  
B) 602,450,045  
C) 620,045,045  
D) 62,450,450
7. [MA4AA02 M] Listen to this number. Which is the correct way to write it?  
A) 800,159,007  
B) 800,105,907  
 C) 801,509,007  
D) 801,590,007
8. [MA4AA02 O] Listen to this number. Which is the correct way to write it?  
A) 300,800,685  
B) 308,068,500  
C) 308,685,000  
 D) 300,008,685
9. [MA4AA02 Q] Listen to this number. Which is the correct way to write it?  
A) 600,536,360  
B) 600,539,636  
 C) 605,396,306  
D) 605,300,936
10. [MA4AA02 S] Listen to this number. Which is the correct way to write it?  
 A) 607,396,189  
B) 670,396,189  
C) 600,736,189  
D) 673,096,189
11. [MA4AA02 B] Write this number using digits.  
**five hundred twenty-one million, sixty-four thousand, ninety**  
 A) 521,640,090  
B) 521,064,090  
C) 521,064,900
12. [MA4AA02 D] Write this number using digits.  
**three hundred million, eight thousand, seven hundred twenty**  
A) 3,800,702  
B) 30,080,702  
 C) 300,008,720

13. [MA4AA02 F] Write this number using digits.

**thirty million, ten thousand, eight hundred**

- A) 30,010,800  
B) 3,100,800  
C) 30,100,800

14. [MA4AA02 H] Write this number using words.

**4,090,050**

- A) forty million, ninety thousand, fifty  
B) four million, nine hundred thousand, fifty  
 C) four million, ninety thousand, fifty

15. [MA4AA02 J] Write this number using words.

**104,379,815**

- A) one hundred forty million, three hundred seventy-nine thousand, eight hundred fifty  
B) one hundred four million, three hundred seventy-nine thousand, eight hundred fifty  
 C) one hundred four million, three hundred seventy-nine thousand, eight hundred fifteen
16. [MA4AA02 L] Write this number using words.

**703,010,006**

- A) seven hundred three million, sixteen thousand  
 B) seven hundred three million, ten thousand, six  
C) seven hundred three million, one hundred six thousand
17. [MA4AA02 N] Which of the following shows this number in digits?

**nine hundred ten million, fifteen thousand, one hundred four**

- A) 901,150,140  
 B) 910,015,104  
C) 910,150,104
18. [MA4AA02 P] Which of the following shows this number in digits?

**five million, six hundred two thousand, eight**

- A) 5,062,080  
B) 5,620,800  
 C) 5,602,008
19. [MA4AA02 R] Which of the following shows this number in words?

**3,060,712**

- A) three million, sixty thousand, seven hundred twelve  
B) three hundred million, six hundred thousand, seven hundred twelve  
C) three million, six hundred thousand, seven hundred twelve
20. [MA4AA02 T] Which of the following shows this number in words?

**20,340,096**

- A) two million, three hundred four thousand, nine hundred sixty  
 B) twenty million, three hundred forty thousand, ninety-six  
C) twenty million, three hundred four thousand, ninety-six

## Questions and Responses

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## Lesson Quiz

Date: 3/19/2021

Subject: Math

Level: 4

Lesson: Order and Compare Numbers #(3397)

1. [MA4AA03 A] Complete this number sentence with the correct symbol.

**670 \_\_\_\_ 607**

A) &gt;

B) &lt;

C) =

2. [MA4AA03 B] Complete this number sentence with the correct symbol.

**509 \_\_\_\_ 509**

A) &gt;

B) &lt;



C) =

3. [MA4AA03 C] Complete this number sentence with the correct symbol.

**56,890 \_\_\_\_ 109,463**

A) &gt;

B) &lt;

C) =

4. [MA4AA03 D] Complete this number sentence with the correct symbol.

**194,289 \_\_\_\_ 482,194**

A) &gt;

B) &lt;

C) =

5. [MA4AA03 E] Complete this number sentence with the correct symbol.

**100,583,684 \_\_\_\_ 10,483,593**

A) &gt;

B) &lt;

C) =

6. [MA4AA03 F] Complete this number sentence with the correct symbol.

**154,286,490 \_\_\_\_ 145,507,285**

A) &gt;

B) &lt;

C) =

7. [MA4AA03 G] Complete this number sentence with the correct symbol.

**903,178 \_\_\_\_ 10,573,281**

A) &gt;

B) &lt;

C) =

8. [MA4AA03 H] Complete this number sentence with the correct symbol.

**510,360,219 \_\_\_\_ 510,360,219**

A) &gt;

B) &lt;



C) =

9. [MA4AA03 I] Complete this number sentence with the correct symbol.

**15,938,103 \_\_\_\_ 13,290,198**

A) &gt;

B) &lt;

C) =

10. [MA4AA03 J] Which symbol means **greater than**?



A) &gt;

B) &lt;

C) =

11. [MA4AA03 K] Which symbol means **less than**?



A) &gt;



B) &lt;

- C) =
12. [MA4AA03 L] Which symbol means **equal to**?  
A) >  
B) <  
 C) =
13. [MA4AA03 M] Choose the number sentence that is true.  
A)  $34,902,493 > 320,456,001$   
 B)  $539,294,001 > 539,293,900$   
C)  $85,456 > 98,520$   
D)  $678,345 > 234,570,283$
14. [MA4AA03 N] Choose the number sentence that is true.  
 A)  $538,105,001 < 538,200,001$   
B)  $980,284,892 < 908,198,292$   
C)  $784,298,284 < 784,298,284$   
D)  $658,295,214 < 90,283$
15. [MA4AA03 O] Choose the number sentence that is true.  
A)  $598,284,026 = 347,382,183$   
B)  $10,100 = 100,100$   
 C)  $257,350,004 = 257,350,004$   
D)  $493,192 = 486,281$
16. [MA4AA03 P] What does this symbol mean?  
>  
 A) greater than  
B) less than  
C) equal to  
D) none of the above
17. [MA4AA03 Q] What does this symbol mean?  
<  
 B) less than  
C) equal to  
D) none of the above
18. [MA4AA03 R] What does this symbol mean?  
=  
 C) equal to
19. [MA4AA03 S] Complete this number sentence.  
**670,002,100 > \_\_\_\_\_**  
 A) 670,001,200  
B) 670,020,100  
C) 670,002,100
20. [MA4AA03 T] Complete this number sentence.  
**100,390,904 < \_\_\_\_\_**  
 C) 100,391,001

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Using What You Know About Place Value to Round

1. [AQNBT016 AQ4MA\_AQNBT016\_01]

What is 3,925 rounded to the nearest hundred?

- A) 4,000
- B) 3,900
- C) 3,930
- D) 3,920

2. [AQNBT016 AQ4MA\_AQNBT016\_02]

Round 23,487 to the nearest ten.

- A) 23,000
- B) 23,500
- C) 23,490
- D) 23,480

3. [AQNBT016 AQ4MA\_AQNBT016\_03]

Karen and Hector sold 479 tickets to their summer show. What is the number of tickets sold rounded to the nearest ten?

- A) 480
- B) 500
- C) 470
- D) 490

4. [AQNBT016 AQ4MA\_AQNBT016\_04]

Sergio bought a new dryer for \$337. How much did the dryer cost, rounded to the nearest hundred?

- A) \$400
- B) \$300
- C) \$340
- D) \$330

5. [AQNBT016 AQ4MA\_AQNBT016\_05]

What is 8,541 rounded to the nearest thousand?

- A) 8,500
- B) 8,000
- C) 8,600
- D) 9,000

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Rounding Numbers #(3398)

1. [MA4AA04 HSLQ\_MA4AA04\_A]

Round this number to the nearest ten thousand.

**14,026**

- A) 10,000  
 B) 14,000  
 C) 15,000  
 D) 20,000

2. [MA4AA04 HSLQ\_MA4AA04\_B]

Round this number to the nearest ten thousand.

**84,759**

- A) 80,000  
 B) 84,000  
 C) 85,000  
 D) 90,000

3. [MA4AA04 HSLQ\_MA4AA04\_C]

Round this number to the nearest hundred thousand.

**130,420**

- A) 100,000  
 B) 130,000  
 C) 140,000  
 D) 200,000

4. [MA4AA04 HSLQ\_MA4AA04\_D]

Round this number to the nearest hundred thousand.

**263,610**

- A) 200,000  
 B) 260,000  
 C) 270,000  
 D) 300,000

5. [MA4AA04 HSLQ\_MA4AA04\_E]



Using the number line, round this number to the nearest ten thousand.

**129,502**

- A) 120,000  
 B) 129,000  
 C) 130,000  
 D) 140,000

6. [MA4AA04 HSLQ\_MA4AA04\_F]



Using the number line, round this number to the nearest hundred thousand.

**359,860**

- A) 300,000
  - B) 350,000
  - C) 360,000
  - D) 400,000
7. [MA4AA04 HSLQ\_MA4AA04\_G]



Using the number line, round this number to the nearest ten thousand.

**204,378**

- A) 200,000
  - B) 210,000
  - C) 220,000
  - D) 300,000
8. [MA4AA04 HSLQ\_MA4AA04\_H]

Round this number to the nearest ten thousand.

**82,827**

- A) 80,000
  - B) 82,000
  - C) 83,000
  - D) 90,000
9. [MA4AA04 HSLQ\_MA4AA04\_I]

Round this number to the nearest ten thousand.

**66,024**

- A) 60,000
  - B) 66,000
  - C) 67,000
  - D) 70,000
10. [MA4AA04 HSLQ\_MA4AA04\_J]

Round this number to the nearest ten thousand.

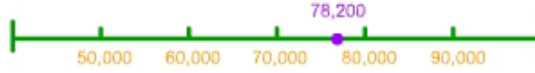
**742,090**

- A) 700,000
  - B) 740,000
  - C) 750,000
  - D) 800,000
11. [MA4AA04 HSLQ\_MA4AA04\_K]

Round this number to the nearest ten thousand.

**409,183**

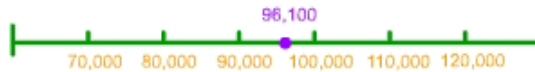
- A) 400,000
  - B) 409,000
  - C) 410,000
  - D) 500,000
12. [MA4AA04 HSLQ\_MA4AA04\_L]



Using the number line, round this number to the nearest ten thousand.

**78,200**

- A) 70,000
  - B) 78,000
  - C) 79,000
  - D) 80,000
13. [MA4AA04 HSLQ\_MA4AA04\_M]



Using the number line, round this number to the nearest ten thousand.

**96,100**

- A) 90,000
  - B) 96,000
  - C) 97,000
  - D) 100,000
14. [MA4AA04 HSLQ\_MA4AA04\_N]



Using the number line, round this number to the nearest ten thousand.

**297,005**

- A) 290,000
  - B) 297,000
  - C) 298,000
  - D) 300,000
15. [MA4AA04 HSLQ\_MA4AA04\_O]

Round this number to the nearest hundred thousand.

**482,900**

- A) 400,000
  - B) 480,000
  - C) 490,000
  - D) 500,000
16. [MA4AA04 HSLQ\_MA4AA04\_P]

Round this number to the nearest hundred thousand.

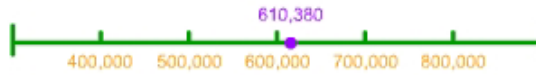
**706,990**

- A) 690,000
  - B) 700,000
  - C) 710,000
  - D) 800,000
17. [MA4AA04 HSLQ\_MA4AA04\_Q]

Round this number to the nearest hundred thousand.

**192,000**

- A) 100,000
  - B) 190,000
  - C) 200,000
  - D) 210,000
18. [MA4AA04 HSLQ\_MA4AA04\_R]



Using the number line, round this number to the nearest hundred thousand.

**610,380**

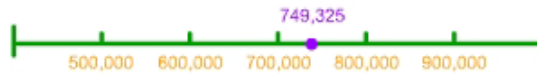
- A) 590,000
  - B) 600,000
  - C) 610,000
  - D) 700,000
19. [MA4AA04 HSLQ\_MA4AA04\_S]



Using the number line, round this number to the nearest hundred thousand.

**480,550**

- A) 400,000
  - B) 480,000
  - C) 500,000
  - D) 600,000
20. [MA4AA04 HSLQ\_MA4AA04\_T]



Using the number line, round this number to the nearest hundred thousand.

**749,325**

- A) 700,000  
 B) 740,000  
 C) 750,000  
 D) 800,000

## Questions and Responses

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### Chapter Test

Date: 3/17/2021

Subject: Math

Level: 4

Chapter: Number Theory and Systems #(658)

1. [MA4AA HSCT\_MA4AA\_01A]

Find the expanded form.

**4,037,180**

- A)  $40,000,000 + 300,000 + 7,000 + 10 + 8$   
 B)  $4,000,000 + 30,000 + 7,000 + 100 + 80$   
 C)  $4,000,000 + 30,000 + 700 + 10 + 8$

2. [MA4AA HSCT\_MA4AA\_02A]

Find the expanded form.

**290,607,214**

- A)  $200,000,000 + 9,000,000 + 60,000 + 7,000 + 200 + 10 + 4$   
 B)  $200,000,000 + 90,00,000 + 600,000 + 7,000 + 200 + 10 + 4$   
 C)  $20,000,000 + 9,000,000 + 600,000 + 70,000 + 200 + 10 + 4$

3. [MA4AA HSCT\_MA4AA\_03A]

Find the standard form.

**$1,000,000 + 30,000 + 6,000 + 800 + 10$**

- A) 1,306,801  
 B) 1,360,081  
 C) 1,036,810

4. [MA4AA HSCT\_MA4AA\_04A]

Find the standard form.

**$300,000,000 + 90,000,000 + 200,000 + 1,000 + 900 + 40 + 2$**

- A) 309,201,942  
 B) 390,021,942  
 C) 390,201,942

5. [MA4AA HSCT\_MA4AA\_05A]

Write this number using digits.

**nineteen million, three hundred thousand, one hundred six**

- A) 19,310,106  
 B) 90,301,006  
 C) 19,300,106

6. [MA4AA HSCT\_MA4AA\_06A]

Write this number using words.

**104,379,815**

- A) one hundred forty million, three hundred seventy-nine thousand, eight hundred fifty  
 B) one hundred four million, three hundred seventy-nine thousand, eight hundred fifty  
 C) one hundred four million, three hundred seventy-nine thousand, eight hundred fifteen

7. [MA4AA HSCT\_MA4AA\_07A]

Which of the following shows this number in digits?

**twenty-four million, nine hundred thirty thousand, two hundred eighty-five**

- A) 24,913,280  
 B) 240,913,285  
 C) 24,930,285

8. [MA4AA HSCT\_MA4AA\_08A]

Which of the following shows this number in words?

**405,770,193**

- A) forty-five million, seventy-seven thousand, one hundred ninety-three  
 B) four hundred five million, seven hundred seventy thousand, one hundred ninety-three  
 C) four hundred fifty million, seventy-seven thousand, one hundred ninety-three  
 9. [MA4AA HSCT\_MA4AA\_09A]

Listen to this number. Which is the correct way to write it?

- A) 45,900,630  
 B) 450,906,630  
 C) 45,696,603  
 D) 450,660,603  
 10. [MA4AA HSCT\_MA4AA\_10A]

Listen to this number. Which is the correct way to write it?

- A) 13,542  
 B) 13,500,420  
 C) 13,542,000  
 D) 13,005,420  
 11. [MA4AA HSCT\_MA4AA\_11A]

Listen to this number. Which is the correct way to write it?

- A) 500,300,024  
 B) 500,324,000  
 C) 503,320,424  
 D) 530,300,424  
 12. [MA4AA HSCT\_MA4AA\_12A]

Listen to this number. Which is the correct way to write it?

- A) 800,513,906  
 B) 805,700,916  
 C) 805,713,916  
 D) 800,719,006  
 13. [MA4AA HSCT\_MA4AA\_13A]

Complete this number sentence with the correct symbol.

**670 \_\_\_\_ 607**

- A) >  
 B) <  
 C) =  
 14. [MA4AA HSCT\_MA4AA\_14A]

Choose the number sentence that is TRUE.

- A)  $85,456 > 98,520$   
 B)  $678,345 > 234,570,283$   
 C)  $34,902,493 > 320,456,001$   
 D)  $539,294,001 > 539,293,900$   
 15. [MA4AA HSCT\_MA4AA\_15A]

What does this symbol mean?

<

- A) greater than  
 B) less than  
 C) equal to  
 16. [MA4AA HSCT\_MA4AA\_16A]

Complete this number sentence.

**670,002,100 > \_\_\_\_\_**

- A) 670,200,000  
 B) 670,002,100  
 C) 670,020,100  
 D) 670,001,200  
 17. [MA4AA HSCT\_MA4AA\_17A]

Round this number to the nearest thousand.

**4,026**

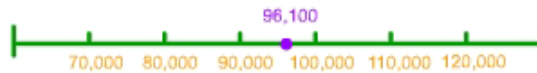
- A) 4,000  
 B) 4,100  
 C) 4,200  
 D) 5,000
18. [MA4AA HSCT\_MA4AA\_18A]



Using the number line, round this number to the nearest thousand.

**59,860**

- A) 50,000  
 B) 58,000  
 C) 59,000  
 D) 60,000
19. [MA4AA HSCT\_MA4AA\_19A]



Using the number line, round this number to the nearest ten thousand.

**96,100**

- A) 90,000  
 B) 96,000  
 C) 97,000  
 D) 100,000
20. [MA4AA HSCT\_MA4AA\_20A]

Round this number to the nearest hundred.

**192,374**

- A) 192,000  
 B) 192,370  
 C) 192,400  
 D) 192,500
21. [MA4AA HSCT\_MA4AA\_01B]

Find the expanded form.

**68,020,075**

- A)  $68,000,000 + 20,000 + 75$   
 B)  $600,000,000 + 80,000,000 + 200,000 + 700 + 5$   
 C)  $60,000,000 + 8,000,000 + 20,000 + 70 + 5$
22. [MA4AA HSCT\_MA4AA\_02B]

Find the expanded form.

**200,407,800**

- A)  $200,000,000 + 400,000 + 7,000 + 800$   
 B)  $200,000,000 + 40,000,000 + 70,000 + 80$   
 C)  $20,000,000 + 400,000 + 70,000 + 80$   
 23. [MA4AA HSCT\_MA4AA\_03B]

Find the standard form.

$$50,000,000 + 7,000,000 + 300,000 + 80,000 + 600 + 20 + 5$$

- A) 570,308,625  
 B) 57,380,625  
 C) 57,038,625  
 24. [MA4AA HSCT\_MA4AA\_04B]

Find the standard form.

$$600,000,000 + 1,000,000 + 300,000 + 20,000 + 8$$

- A) 601,320,008  
 B) 610,302,080  
 C) 601,032,800  
 25. [MA4AA HSCT\_MA4AA\_05B]

Write this number using digits.

**one million, ninety thousand, five hundred eighteen**

- A) 100,900,508  
 B) 1,090,518  
 C) 10,090,580  
 26. [MA4AA HSCT\_MA4AA\_06B]

Write this number using words.

**4,090,050**

- A) forty million, ninety thousand, fifty  
 B) four million, nine hundred thousand, fifty  
 C) four million, ninety thousand, fifty  
 27. [MA4AA HSCT\_MA4AA\_07B]

Which of the following shows this number in digits?

**nine hundred ten million, fifteen thousand, one hundred four**

- A) 901,150,140  
 B) 910,015,104  
 C) 910,150,104  
 28. [MA4AA HSCT\_MA4AA\_08B]

Which of the following shows this number in words?

**3,060,712**

- A) three million, sixty thousand, seven hundred twelve  
 B) three hundred million, six hundred thousand, seven hundred twelve  
 C) three million, six hundred thousand, seven hundred twelve  
 29. [MA4AA HSCT\_MA4AA\_09B]

Listen to this number. Which is the correct way to write it?

- A) 900,008,285  
 B) 900,080,285  
 C) 900,820,285  
 D) 98,200,285  
 30. [MA4AA HSCT\_MA4AA\_10B]

Listen to this number. Which is the correct way to write it?

- A) 605,396,036  
 B) 605,300,936  
 C) 605,396,306  
 D) 65,390,636  
 31. [MA4AA HSCT\_MA4AA\_11B]

Listen to this number. Which is the correct way to write it?

- A) 670,300,680

- B) 670,360,180  
 C) 600,376,108  
 D) 603,706,108
32. [MA4AA HSCT\_MA4AA\_12B]

Listen to this number. Which is the correct way to write it?

- A) 810,090,505  
 B) 800,900,005  
 C) 810,905,005  
 D) 819,050,005
33. [MA4AA HSCT\_MA4AA\_13B]

Complete this number sentence with the correct symbol.

$$194,289 \text{ \_\_\_\_ } 482,194$$

- A) >  
 B) <  
 C) =
34. [MA4AA HSCT\_MA4AA\_14B]

Choose the number sentence that is TRUE.

- A)  $257,350,004 = 257,350,004$   
 B)  $374,284,026 = 347,382,183$   
 C)  $493,192 = 486,281$   
 D)  $10,100 = 100,100$
35. [MA4AA HSCT\_MA4AA\_15B]

Which symbol means "greater than"?

- A) >  
 B) <  
 C) =
36. [MA4AA HSCT\_MA4AA\_16B]

Complete this number sentence.

$$100,390,904 < \underline{\hspace{2cm}}$$

- A) 100,391,001  
 B) 100,309,905  
 C) 100,309,800  
 D) 100,099,999
37. [MA4AA HSCT\_MA4AA\_17B]

Round this number to the nearest thousand.

**263,610**

- A) 260,000  
 B) 263,000  
 C) 264,000  
 D) 270,000
38. [MA4AA HSCT\_MA4AA\_18B]

Round this number to the nearest ten thousand.

**66,024**

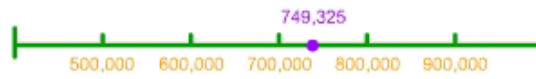
- A) 60,000  
 B) 66,000  
 C) 67,000  
 D) 70,000
39. [MA4AA HSCT\_MA4AA\_19B]



Using the number line, round this number to the nearest hundred.

**297,136**

- A) 297,140
  - B) 297,200
  - C) 297,000
  - D) 297,100
40. [MA4AA HSCT\_MA4AA\_20B]



Using the number line, round this number to the nearest hundred thousand.

**749,325**

- A) 700,000
- B) 740,000
- C) 750,000
- D) 800,000

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Add Whole Numbers #(3458)

1. [MA4AB01 A] Find the sum.

$$\begin{array}{r} + 2,035 \\ + 3,489 \\ + \underline{5,065} \end{array}$$

A) 10,598

B) 10,599

 C) 10,589

D) 10,699

2. [MA4AB01 B] Find the sum.

$$\begin{array}{r} + 7,405 \\ + \underline{5,034} \end{array}$$

 A) 12,439

B) 11,439

C) 12,438

D) 13,439

3. [MA4AB01 C] Find the sum.

$$\begin{array}{r} + 8,935 \\ + \underline{3,748} \end{array}$$

A) 13,682

B) 13,693

C) 12,682

 D) 12,683

4. [MA4AB01 D] Find the sum.

$$\begin{array}{r} + 7,583 \\ + 2,331 \\ + \underline{4,736} \end{array}$$

A) 14,551

B) 14,751

 C) 14,650

D) 15,650

5. [MA4AB01 E] Find the sum.

$$\begin{array}{r} + 8,947 \\ + 1,326 \\ + \underline{2,894} \end{array}$$

 A) 13,167

B) 11,358

C) 13,277

D) 12,167

6. [MA4AB01 F] Find the sum.

$$\begin{array}{r} + 7,635 \\ + \underline{1,124} \end{array}$$

A) 8,760

B) 8,751

C) 9,759

 D) 8,759

7. [MA4AB01 G] A cruise ship sailed 1,575 miles to an island. It then sailed 736 miles to the second island and sailed 251 miles to the third island. How many miles did the cruise ship sail?

A) 987 miles

 B) 2,562 miles

C) 9,332 miles

D) none of the above

8. [MA4AB01 H] A parking lot is 2,500 feet wide and 5,700 feet long. What is the perimeter of the lot? (Reminder: The perimeter is the distance around a figure.)

 A) 16,400 feet

B) 8,200 feet

C) 10,700 feet

D) none of the above

9. [MA4AB01 I] Cindy's Candy Store has 8,972 fruit chews, 5,149 caramels, and 1,462 chocolate

hearts. How many pieces of candy are in Cindy's Candy Store?

- A) 15,584 pieces of candy  
 B) 15,583 pieces of candy  
 C) 15,694 pieces of candy  
 D) none of the above
10. [MA4AB01 J] The anthill in Mrs. Brown's front yard has 1,204 ants. The anthill in her backyard has 2,968 ants, and the anthill in her garden has 516 ants. How many ants are in Mrs. Brown's yard?
- A) 4,678 ants  
 B) 9,332 ants  
 C) 4,688 ants  
 D) none of the above
11. [MA4AB01 K] A bird flew 2,745 feet to a pine tree. The bird then flew 1,349 feet to an oak tree and flew 865 feet to a maple tree. How many feet did the bird fly?
- A) 4,959 feet  
 B) 5,060 feet  
 C) 4,958 feet  
 D) none of the above
12. [MA4AB01 L] Which set of addends equals 813?
- A)  $\begin{array}{r} + 150 \\ + 550 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 101 \\ + 311 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 107 \\ + 353 \\ \hline \end{array}$   
 D) none of the above
13. [MA4AB01 M] Which set of addends equals 1,751?
- A)  $\begin{array}{r} + 752 \\ + 315 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 753 \\ + 116 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 750 \\ + 311 \\ \hline \end{array}$   
 D) none of the above
14. [MA4AB01 N] Which set of addends equals 1,189?
- A)  $\begin{array}{r} + 245 \\ + 644 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 255 \\ + 642 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 245 \\ + 630 \\ \hline \end{array}$   
 D) none of the above
15. [MA4AB01 O] Which set of addends equals 1,389?
- A)  $\begin{array}{r} + 645 \\ + 520 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 645 \\ + 525 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 645 \\ + 500 \\ \hline \end{array}$   
 D) none of the above
16. [MA4AB01 P] Find the sum. Choose the true statement.

$$+ 7,450$$

$$+ \underline{1,300}$$

- A) The sum is less than 9,750.  
B) The sum is greater than 9,750.  
C) The sum is 9,750.
17. [MA4AB01 Q] Find the sum. Choose the true statement.

$$+ 6,537$$

$$+ + 475$$

$$+ \underline{1,322}$$

- A) The sum is less than 7,335.  
 B) The sum is greater than 7,335.  
C) The sum is 7,335.
18. [MA4AB01 R] Find the sum. Choose the true statement.

$$+ 1,452$$

$$+ 8,361$$

$$+ \underline{5,412}$$

- A) The sum is less than 14,125.  
 B) The sum is greater than 14,125.  
C) The sum is 14,125.
19. [MA4AB01 S] Find the sum. Choose the true statement.

$$+ 7,544$$

$$+ 1,376$$

$$+ \underline{4,361}$$

- A) The sum is less than 13,500.  
B) The sum is greater than 13,500.  
C) The sum is 13,500.
20. [MA4AB01 T] Find the sum. Choose the true statement.

$$+ 8,030$$

$$+ \underline{2,257}$$

- A) The sum is less than 10,287.  
B) The sum is greater than 10,287.  
 C) The sum is 10,287.

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Subtract Whole Numbers #(3459)

1. [MA4AB02 A] Find the difference.

$$\begin{array}{r} - 3,089 \\ - 2,465 \\ \hline \end{array}$$

A) 523

B) 724

C) 623

 D) 624

2. [MA4AB02 B] Find the difference.

$$\begin{array}{r} - 5,700 \\ - 3,040 \\ \hline \end{array}$$

A) 2,560

 B) 2,660

C) 2,650

D) 2,645

3. [MA4AB02 C] Find the difference.

$$\begin{array}{r} - 1,745 \\ - 1,615 \\ \hline \end{array}$$

A) 220

B) 120

 C) 130

D) 230

4. [MA4AB02 D] Find the difference.

$$\begin{array}{r} - 2,525 \\ - 1,250 \\ \hline \end{array}$$

A) 1,270

 B) 1,275

C) 1,175

D) 1,265

5. [MA4AB02 E] Find the difference.

$$\begin{array}{r} - 9,135 \\ - 7,544 \\ \hline \end{array}$$

A) 1,581

B) 1,491

C) 1,481

 D) 1,591

6. [MA4AB02 F] Find the difference.

$$\begin{array}{r} - 2,784 \\ - 1,600 \\ \hline \end{array}$$

A) 1,284

B) 1,100

 C) 1,184

D) 884

7. [MA4AB02 G] DeShaun sold 3,078 raffle tickets. LaToya sold 1,508 tickets. How many more tickets does LaToya have to sell to have the same ticket sales as DeShaun?

A) 1,670 tickets

B) 1,680 tickets

 C) 1,570 tickets

D) 1,580 tickets

8. [MA4AB02 H] Izzy's Potato Chips have 2,085 chips in a bag. Pete's Baked Chips have 1,500 chips in a bag. How many more chips are in Izzy's Potato Chips?

A) 985 chips

B) 485 chips

C) 575 chips

 D) 585 chips

9. [MA4AB02 I] A history book has 1,025 pages, and a science book has 923 pages. How many more pages are in the history book?

 A) 102 pages

- B) 92 pages  
C) 202 pages  
D) 82 pages
10. [MA4AB02 J] A hockey game had 2,058 fans Friday night. The baseball game had 1,300 fans that night. How many more fans were at the hockey game?  
A) 658 fans  
 B) 758 fans  
C) 748 fans  
D) 738 fans
11. [MA4AB02 K] The amusement park sold 3,866 tickets in June. The park sold 2,905 tickets in July. How many more tickets were sold in June than July?  
A) 951 tickets  
B) 1,061 tickets  
 C) 961 tickets  
D) 851 tickets
12. [MA4AB02 L] Which equation equals 98?  
 A)  $\begin{array}{r} -1,810 \\ -1,712 \\ \hline \end{array}$   
B)  $\begin{array}{r} -1,800 \\ -1,598 \\ \hline \end{array}$   
C)  $\begin{array}{r} -1,910 \\ -1,802 \\ \hline \end{array}$   
D) none of the above
13. [MA4AB02 M] Which equation equals 1,181?  
A)  $\begin{array}{r} -2,500 \\ -1,499 \\ \hline \end{array}$   
B)  $\begin{array}{r} -2,509 \\ -1,428 \\ \hline \end{array}$   
 C)  $\begin{array}{r} -2,501 \\ -1,320 \\ \hline \end{array}$   
D) none of the above
14. [MA4AB02 N] Which equation equals 1,593?  
A)  $\begin{array}{r} -4,983 \\ -3,590 \\ \hline \end{array}$   
 B)  $\begin{array}{r} -4,093 \\ -2,500 \\ \hline \end{array}$   
C)  $\begin{array}{r} -4,093 \\ -2,400 \\ \hline \end{array}$   
D) none of the above
15. [MA4AB02 O] Find the difference. Choose the true statement.  
 $\begin{array}{r} -2,856 \\ -1,230 \\ \hline \end{array}$   
A) The difference is less than 1,626.  
B) The difference is greater than 1,626.  
 C) The difference is 1,626.
16. [MA4AB02 P] Find the difference. Choose the true statement.  
 $\begin{array}{r} -5,525 \\ -3,200 \\ \hline \end{array}$   
 A) The difference is less than 1,325.  
B) The difference is greater than 1,325.  
C) The difference is 1,325.
17. [MA4AB02 Q] Find the difference. Choose the true statement.  
 $\begin{array}{r} -8,090 \\ -7,525 \\ \hline \end{array}$   
 A) The difference is less than 575.  
B) The difference is greater than 575.  
C) The difference is 575.
18. [MA4AB02 R] Find the difference. Choose the true statement.  
 $\begin{array}{r} -3,400 \\ -2,625 \\ \hline \end{array}$   
 A) The difference is less than 780.  
B) The difference is greater than 780.  
C) The difference is 780.
19. [MA4AB02 S] Find the difference.  
 $\begin{array}{r} -2,844 \\ -1,257 \\ \hline \end{array}$   
A) 1,487  
B) 1,597  
 C) 1,587  
D) none of the above

20. [MA4AB02 T] Find the difference.

- 6,784

- 5,600

A) 984



B) 1,184

C) 1,284

D) none of the above

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Estimate Sums and Differences #(3460)

1. [MA4AB03 A] Choose the expression that best fits this description.  
**The estimated sum is 1,400,000.**
  - A)  $495,342 + 625,194 + 401,290$
  - B)  $480,789 + 720,001 + 208,392$
  - C)  $405,902 + 790,192 + 350,839$
2. [MA4AB03 B] Choose the expression that best fits this description.  
**The estimated sum is 800,000.**
  - A)  $125,135 + 230,395 + 470,183$
  - B)  $170,010 + 115,099 + 387,910$
  - C)  $185,583 + 125,102 + 410,321$
3. [MA4AB03 C] Choose the expression that best fits this description.  
**The estimated sum is 10,000,000.**
  - A)  $2,990,023 + 5,100,231 + 3,360,156$
  - B)  $6,270,325 + 3,861,593 + 2,289,103$
  - C)  $1,105,456 + 2,740,718 + 6,379,032$
4. [MA4AB03 D] Estimate the sum by rounding to the nearest ten thousand.  
 $18,789 + 19,019 =$ 
  - A) 40,000
  - B) 41,000
  - C) 20,000
  - D) none of the above
5. [MA4AB03 E] Estimate the sum by rounding to the nearest ten thousand.  
 $98,930 + 31,180 =$ 
  - A) 130,000
  - B) 140,000
  - C) 120,000
  - D) none of the above
6. [MA4AB03 F] Estimate the difference by rounding to the nearest ten thousand.  
 $66,382 - 21,104 =$ 
  - A) 30,000
  - B) 40,000
  - C) 50,000
  - D) none of the above
7. [MA4AB03 G] There were three ant hills in Mrs. Brown's yard. The first ant hill had 39,463,146 ants. The second ant hill had 71,820,392 ants, and the third ant hill had 48,794,109 ants. Estimate the number of ants in Mrs. Brown's yard.
  - A) 150,000,000 ants
  - B) 160,000,000 ants
  - C) 170,000,000 ants
8. [MA4AB03 H] The condemned building contained 685,289 bricks. The workers removed 103,809 bricks on Monday and 384,102 bricks on Thursday. Estimate the number of remaining bricks.
  - A) 200,000 bricks
  - B) 300,000 bricks
  - C) 100,000 bricks
9. [MA4AB03 I] During the first quarter of the game, 358 fans entered the gym. After the second quarter of the game, 177 fans entered the gym. Estimate the number of fans that entered the gym after the game started.
  - A) 500 fans
  - B) 600 fans
  - C) 400 fans
10. [MA4AB03 J] Estimate the difference by rounding to the nearest ten.  
 $55 - 27 =$ 
  - A) 10
  - B) 20
  - C) 30
  - D) 40
11. [MA4AB03 K] Estimate the difference by rounding to the nearest hundred.  
 $245 - 115 =$

- A) 100  
B) 200  
C) 300  
D) 400
12. [MA4AB03 L] Estimate the difference by rounding to the nearest hundred.
- $568 - 390 =$   
A) 100  
 B) 200  
C) 300  
D) 400
13. [MA4AB03 M] Estimate the difference by rounding to the nearest hundred.
- $455 - 250 =$   
A) 0  
B) 100  
 C) 200  
D) 300
14. [MA4AB03 N] Estimate the difference by rounding to the nearest hundred.
- $849 - 420 =$   
A) 300  
 B) 400  
C) 500  
D) 600
15. [MA4AB03 O] Estimate the difference by rounding to the nearest hundred.
- $317 - 108 =$   
 A) 200  
B) 300  
C) 400  
D) 500
16. [MA4AB03 P] Estimate the sum by rounding to the nearest hundred.
- $495 + 172 =$   
A) 300  
B) 500  
C) 600  
 D) 700
17. [MA4AB03 Q] Estimate the sum by rounding to the nearest hundred.
- $325 + 117 =$   
 A) 200  
B) 400  
C) 500  
D) 600
18. [MA4AB03 R] Estimate the sum by rounding to the nearest hundred.
- $780 + 225 =$   
 A) 1,000  
B) 1,100  
C) 1,200  
D) 2,000
19. [MA4AB03 S] Estimate the sum by rounding to the nearest hundred.
- $239 + 155 =$   
A) 0  
B) 200  
C) 300  
 D) 400
20. [MA4AB03 T] Estimate the sum by rounding to the nearest hundred.
- $440 + 230 =$   
A) 400  
B) 500  
 C) 600  
D) 700

## Questions and Responses



### Chapter Test

Date: 3/4/2021

Subject: Math

Level: 4

Chapter: Addition and Subtraction #(599)

1. [MA4AB 1] Find the sum.

$$\begin{array}{r} + 3,877 \\ + 7,034 \\ + + 983 \\ \hline \end{array}$$

- A) 11,884  
 B) 11,894  
 C) 12,894  
 D) 11,784

2. [MA4AB 2] Find the sum.

$$\begin{array}{r} + 1,189 \\ + 3,442 \\ \hline \end{array}$$

- A) 4,521  
 B) 4,531  
 C) 4,631  
 D) 4,731

3. [MA4AB 3] Find the sum.

$$\begin{array}{r} + 7,611 \\ + 9,823 \\ + 5,564 \\ \hline \end{array}$$

- A) 22,998  
 B) 22,098  
 C) 23,998  
 D) 23,098

4. [MA4AB 4] Find the sum.

$$\begin{array}{r} + 8,939 \\ + 3,884 \\ + 1,823 \\ \hline \end{array}$$

- A) 15,646  
 B) 14,636  
 C) 14,646  
 D) 14,756

5. [MA4AB 5] Which set of addends equals 4,300?

- A)  $\begin{array}{r} + 1,256 \\ + 3,044 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 1,755 \\ + 3,045 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 1,200 \\ + 3,609 \\ \hline \end{array}$   
 D) none of the above

6. [MA4AB 6] Which set of addends equals 11,629?

- A)  $\begin{array}{r} + 6,360 \\ + 4,012 \\ + 1,247 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 6,370 \\ + 4,013 \\ + 1,246 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 6,370 \\ + 4,915 \\ + 1,344 \\ \hline \end{array}$   
 D) none of the above

7. [MA4AB 7] Which set of addends equals 15,751?

- A)  $\begin{array}{r} + 4,753 \\ + 9,116 \\ + 1,682 \\ \hline \end{array}$   
 B)  $\begin{array}{r} + 4,752 \\ + 9,315 \\ + 1,684 \\ \hline \end{array}$   
 C)  $\begin{array}{r} + 4,756 \\ + 9,311 \\ + 1,670 \\ \hline \end{array}$   
 D) none of the above

8. [MA4AB 8] Which set of addends equals 14,189?

A)  $\begin{array}{r} + 1,245 \\ + 7,630 \\ \hline + 5,314 \\ + 1,255 \end{array}$

B)  $\begin{array}{r} + 7,642 \\ + 5,312 \\ + 1,245 \end{array}$

C)  $\begin{array}{r} + 7,644 \\ + 5,000 \end{array}$

D) none of the above

9. [MA4AB 9] Find the sum. Choose the true statement.

$\begin{array}{r} + 1,452 \\ + 8,361 \\ \hline + 5,412 \end{array}$

A) The sum is less than 14,125.

B) The sum is greater than 14,125.

C) The sum is 14,125.

10. [MA4AB 10] Find the sum. Choose the true statement.

$\begin{array}{r} + 8,030 \\ + 2,257 \end{array}$

A) The sum is less than 10,287.

B) The sum is greater than 10,287.

C) The sum is 10,287.

11. [MA4AB 11] Find the difference.

$\begin{array}{r} - 6,784 \\ - 5,600 \end{array}$

A) 984

B) 1,184

C) 1,284

D) 895

12. [MA4AB 12] Find the difference.

$\begin{array}{r} - 3,800 \\ - 1,500 \end{array}$

A) 2,300

B) 1,300

C) 2,400

D) 1,200

13. [MA4AB 13] Find the difference.

$\begin{array}{r} - 4,590 \\ - 3,556 \end{array}$

A) 1,430

B) 1,340

C) 1,034

D) 1,035

14. [MA4AB 14] Find the difference.

$\begin{array}{r} - 2,075 \\ - 1,950 \end{array}$

A) 124

B) 152

C) 155

D) 125

15. [MA4AB 15] Find the difference.

$\begin{array}{r} - 3,805 \\ - 2,900 \end{array}$

A) 900

B) 905

C) 805

D) 910

16. [MA4AB 16] Find the difference.

$\begin{array}{r} - 4,009 \\ - 3,772 \end{array}$

A) 236

B) 267

C) 237

D) 1,227

17. [MA4AB 17] Find the difference. Choose the true statement.
- $$\begin{array}{r} - 3,400 \\ - 2,625 \\ \hline \end{array}$$
- A) The difference is less than 780.  
 B) The difference is greater than 780.  
 C) The difference is 780.
18. [MA4AB 18] Find the difference. Choose the true statement.
- $$\begin{array}{r} - 5,525 \\ - 3,200 \\ \hline \end{array}$$
- A) The difference is less than 1,325.  
 B) The difference is greater than 1,325.  
 C) The difference is 1,325.
19. [MA4AB 19] The amusement park sold 3,866 tickets in one month. The following month the park sold 2,905 tickets. How many more tickets did the park sell the previous month?
- A) 951  
 B) 1,061  
 C) 961  
 D) 851
20. [MA4AB 20] On a Friday night, a hockey game had 2,058 fans and a baseball game had 1,300 fans. How many more fans were at the hockey game?
- A) 658  
 B) 758  
 C) 748  
 D) 738
21. [MA4AB 21] There were three ant hills in Mrs. Brown's yard. The first ant hill had 4,867,190 ants. The second ant hill had 6,256,304 ants, and the third ant hill had 3,993,102 ants. Choose the best estimate of the number of ants in Mrs. Brown's yard.
- A) 14,000,000 ants  
 B) 15,000,000 ants  
 C) 16,000,000 ants  
 D) 17,000,000 ants
22. [MA4AB 22] The cows in the dairy has produced 78,932 gallons of milk. The dairy delivered 22,040 gallons of milk on Friday and 15,893 gallons of milk on Saturday. Estimate the amount of milk left at the dairy.
- A) 40,000 gallons of milk  
 B) 50,000 gallons of milk  
 C) 60,000 gallons of milk
23. [MA4AB 23] Estimate the sum by rounding to the nearest hundred thousand.
- $$103,190 + 379,492 =$$
- A) 300,000  
 B) 400,000  
 C) 500,000  
 D) 600,000
24. [MA4AB 24] Estimate the sum by rounding to the nearest hundred thousand.
- $$674,032 + 397,192 =$$
- A) 1,000,000  
 B) 1,100,000  
 C) 1,200,000  
 D) 2,000,000
25. [MA4AB 25] Estimate the sum by rounding to the nearest million.
- $$9,136,429 + 2,087,931 =$$
- A) 7,000,000  
 B) 10,000,000  
 C) 11,000,000  
 D) 12,000,000
26. [MA4AB 26] Estimate the difference by rounding to the nearest ten thousand.
- $$85,302 - 37,204 =$$
- A) 40,000  
 B) 50,000  
 C) 60,000  
 D) 130,000
27. [MA4AB 27] Estimate the difference by rounding to the nearest ten thousand.
- $$74,542 - 42,999 =$$
- A) 30,000  
 B) 40,000

- C) 50,000  
D) 110,000
28. [MA4AB 28] Estimate the difference by rounding to the nearest hundred thousand.
- $389,302 - 205,859 =$
- A) 100,000  
 B) 200,000  
C) 300,000  
D) 600,000
29. [MA4AB 29] Choose the expression that best fits this description.  
**The estimated sum is 800,000.**
- A)  $125,543 + 230,375 + 470,198$   
B)  $170,632 + 115,896 + 595,208$   
C)  $185,196 + 125,543 + 410,036$
30. [MA4AB 30] Choose the expression that best fits this description.  
**The estimated difference is 2,000,000.**
- A)  $8,556,953 - 4,552,642$   
 B)  $7,387,486 - 4,599,425$   
C)  $8,061,642 - 7,903,742$

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Multiples and Common Multiples #(3461)

1. [MA4AC01 A] Which number is a multiple of 3?  
 A) 7  
 B) 13  
 C) 9  
 D) 32
2. [MA4AC01 B] Which number is a multiple of 5?  
 A) 52  
 B) 23  
 C) 12  
 D) 10
3. [MA4AC01 C] Which number is a multiple of 2?  
 A) 14  
 B) 21  
 C) 7  
 D) 19
4. [MA4AC01 D] Which number is a multiple of 4?  
 A) 34  
 B) 16  
 C) 14  
 D) 10
5. [MA4AC01 E] Which number is a multiple of 6?  
 A) 24  
 B) 16  
 C) 26  
 D) 8
6. [MA4AC01 F] These numbers are multiples of \_\_\_\_\_.  
**4, 8, 16, 24**  
 A) 3  
 B) 4  
 C) 5  
 D) 6
7. [MA4AC01 G] These numbers are multiples of \_\_\_\_\_.  
**5, 15, 20, 35**  
 A) 2  
 B) 4  
 C) 5  
 D) 6
8. [MA4AC01 H] These numbers are multiples of \_\_\_\_\_.  
**6, 9, 18, 36**  
 A) 3  
 B) 4  
 C) 5  
 D) 6
9. [MA4AC01 I] These numbers are multiples of \_\_\_\_\_.  
**6, 12, 16, 22**  
 A) 2  
 B) 3  
 C) 4  
 D) 5
10. [MA4AC01 J] These numbers are multiples of \_\_\_\_\_.  
**6, 18, 24, 36**  
 A) 4  
 B) 5  
 C) 6  
 D) 8
11. [MA4AC01 K] These numbers are common multiples of \_\_\_\_\_.

**6, 12, 18, 36**

- A) 2 and 4  
 B) 2 and 3  
C) 3 and 4  
D) 4 and 6
12. [MA4AC01 L] These numbers are common multiples of \_\_\_\_\_.

**12, 24, 48, 60**

- A) 3 and 5  
B) 5 and 6  
 C) 3 and 4  
D) 4 and 5
13. [MA4AC01 M] These numbers are common multiples of \_\_\_\_\_.

**12, 24, 36, 48**

- A) 2 and 5  
B) 3 and 5  
C) 4 and 5  
 D) 4 and 6
14. [MA4AC01 N] These numbers are common multiples of \_\_\_\_\_.

**15, 30, 45, 60**

- A) 2 and 3  
 B) 3 and 5  
C) 4 and 5  
D) 3 and 4
15. [MA4AC01 O] These numbers are common multiples of \_\_\_\_\_.

**10, 20, 30, 40**

- A) 2 and 5  
B) 3 and 5  
C) 4 and 5  
D) 4 and 6
16. [MA4AC01 P] Which number is a common multiple of 2 and 3?  
A) 8  
B) 16  
 C) 28  
D) 36
17. [MA4AC01 Q] Which number is a common multiple of 2 and 4?  
A) 14  
 B) 24  
C) 26  
D) 34
18. [MA4AC01 R] Which number is a common multiple of 3 and 4?  
A) 8  
B) 14  
C) 32  
 D) 48
19. [MA4AC01 S] Which number is a common multiple of 4 and 6?  
 A) 12  
B) 18  
C) 28  
D) 32
20. [MA4AC01 T] Which number is a common multiple of 3 and 5?  
A) 5  
B) 25  
 C) 30  
D) 40

## Questions and Responses

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## Activity Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Quiz: Using Multiplication to Solve Problems

1. [QZM4004 AQ4MA\_QZM4004\_01]

$$70 = 10 \times 7$$

Which statement BEST describes the relationship shown in the equation.

- A) 70 is 10 greater than 7
  - B) 10 is 7 times larger than 70
  - C) 70 is 10 times as many as 7
  - D) 70 is 7 plus 10
2. [QZM4004 AQ4MA\_QZM4004\_02]

Cindy has 12 fish in her aquarium. Reggie has 3 times as many fish as Cindy in his aquarium.

Which equation shows how many fish Reggie has in his aquarium?

- A)  $12 \times 3 = 36$
  - B)  $12 + 3 = 15$
  - C)  $12 - 3 = 9$
  - D)  $12 \div 3 = 4$
3. [QZM4004 AQ4MA\_QZM4004\_03]

Savannah has 6 times as many tangerines as Milly. Milly has 3 tangerines.

Which equation shows how many tangerines Savannah has?

- A)  $6 - 3 = 3$
  - B)  $6 \div 3 = 2$
  - C)  $6 + 3 = 9$
  - D)  $6 \times 3 = 18$
4. [QZM4004 AQ4MA\_QZM4004\_04]

Hannah is 3 years old. Hannah's mom is 12 times as old.

How old is Hannah's mom?

- A) 15 years old

- B) 24 years old
  - C) 36 years old
  - D) 48 years old
5. [QZM4004 AQ4MA\_QZM4004\_05]

During the soccer season, Sheka scored 4 goals.  
Dylan scored 8 times as many goals as Sheka.

Which equation represents this comparison?

- A)  $8 \div 4 = 2$
- B)  $8 \times 4 = 32$
- C)  $8 + 4 = 12$
- D)  $8 - 4 = 2$

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Interpreting Multiplication Equations

1. [AQOA026 AQ4MA\_AQOA026\_01]

Detra bought a pair of winter gloves for \$7. The gloves that Steven bought cost 3 times as much. How much did Steven pay for his gloves?

- A) \$18
- B) \$21
- C) \$7
- D) \$14

2. [AQOA026 AQ4MA\_AQOA026\_02]

Alyssa ate 4 oranges last week. Tanya ate 2 times as many oranges last week. How many oranges did Tanya eat last week?

- A) 4
- B) 6
- C) 8
- D) 10

3. [AQOA026 AQ4MA\_AQOA026\_03]

Juanita read 5 pages in her book last night. Tonight she is going to read 2 times as many pages. Which equation represents how many pages Juanita is going to read tonight?

- A)  $5 \times 5 = 25$
- B)  $2 \times 2 = 4$
- C)  $5 + 2 = 7$
- D)  $5 \times 2 = 10$

4. [AQOA026 AQ4MA\_AQOA026\_04]

Matthew has 4 books in his backpack. He has 4 times as many books on his bookcase at home. Which equation represents how many books Matthew has on his bookcase?

- A)  $4 \times 4 = 16$
- B)  $4 + 4 = 16$
- C)  $4 \times 4 = 8$
- D)  $4 + 4 = 8$

5. [AQOA026 AQ4MA\_AQOA026\_05]

Mary Beth ran 2 miles. Angelina ran 3 times as far. How far did Angelina run?

- A) 2 miles
- B) 3 miles
- C) 5 miles
- D) 6 miles

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Describing Multiplication Situations

1. [AQOA027 AQ4MA\_AQOA027\_01]

Mrs. Lopez has 8 students in her math class. Each of her students does 3 pages of math problems for homework. Which equation represents the number of pages of math problems Mrs. Lopez has to check?

A)  $8 + 3 = 11$

B)  $3 \times 8 = 38$

C)  $8 \times 3 = 24$

D)  $3 + 8 = 38$

2. [AQOA027 AQ4MA\_AQOA027\_02]

George collected money from 4 of his friends for movie tickets. If a movie ticket costs \$7, how much money did George collect from his friends?

A) 28

B) 11

C) 49

D) 35

3. [AQOA027 AQ4MA\_AQOA027\_03]

Mr. Sherman wants to arrange his pictures on the wall. He has room for 4 rows of pictures and can arrange 5 pictures in each row. Which equation represents the number of pictures Mr. Sherman hangs on the wall?

A)  $4 \times 5 = 20$

B)  $4 + 5 = 9$

C)  $5 \times 4 = 9$

D)  $5 + 4 = 20$

4. [AQOA027 AQ4MA\_AQOA027\_04]

Each member of Joanna's team received 2 awards from their coach. If there are 9 players on the team, how many awards did the coach give out?

A) 9

B) 18

C) 11

D) 27

5. [AQOA027 AQ4MA\_AQOA027\_05]

Andre's band is going to play 6 shows. The band is going to play 8 songs at each show. Which equation represents the number of songs the band will play altogether?

A)  $6 + 8 = 14$

B)  $6 \times 6 = 36$

C)  $8 + 8 = 16$

D)  $6 \times 8 = 48$

**Questions and Responses**

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**Lesson Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Multiplication Equations #(10360)

1. [MA4AC10 HSLQ\_MA4AC10\_A]

What is the product of 70 times 40?

- A) 2,800  
B) 3,500  
C) 350  
D) 28,000

2. [MA4AC10 HSLQ\_MA4AC10\_B]

What is the product of 50 times 50?

- A) 3,500  
B) 2,500  
C) 1,500  
D) 350

3. [MA4AC10 HSLQ\_MA4AC10\_C]

Luann bought a DVD for \$8. David paid 2 times as much for his DVD. How much did David pay for his DVD?

- A) \$12  
B) \$32  
C) \$24  
 D) \$16

4. [MA4AC10 HSLQ\_MA4AC10\_D]

Bicycle tires cost \$9 each at Javier's Bike Shop. Which of the following equations shows how much it would cost to buy 6 bicycle tires?

- A)  $9 + 6 = 15$   
B)  $9 \div 6 = 45$   
 C)  $6 \times 9 = 54$   
D)  $6 \times 15 = 90$

5. [MA4AC10 HSLQ\_MA4AC10\_E]

Naomi made 5 sandwiches for the picnic. Jeffrey made 3 times as many sandwiches as Naomi. How many sandwiches did Jeffrey make?

- A) 15  
B) 8  
C) 12  
D) 25

6. [MA4AC10 HSLQ\_MA4AC10\_F]

For his building project, Alberto had 8 wooden boards for the walls. He needed 7 times as many nails as wooden boards. Which of the following equations shows how many nails Alberto needed?

- A)  $7 + 8 = 15$   
 B)  $8 \times 7 = 56$   
C)  $15 \div 6 = 9$   
D)  $7 \times 8 = 15$

7. [MA4AC10 HSLQ\_MA4AC10\_G]

What is the product of 80 times 70?

- A) 1,500  
B) 560  
C) 15,000  
D) 5,600



8. [MA4AC10 HSLQ\_MA4AC10\_H]

What is the product of 20 times 90?



- A) 1,800
- B) 900
- C) 200
- D) 9,000

9. [MA4AC10 HSLQ\_MA4AC10\_I]

The petting zoo has 4 goats. There are 3 times as many sheep as goats. How many sheep are in the petting zoo?



- A) 9
- B) 7
- C) 12
- D) 14

10. [MA4AC10 HSLQ\_MA4AC10\_J]

Owen walked 4 miles. Ginny walked 2 times as far. How many miles did Ginny walk?



- A) 5
- B) 6
- C) 7
- D) 8

11. [MA4AC10 HSLQ\_MA4AC10\_K]

What is the product of 60 times 60?



- A) 1,200
- B) 12,000
- C) 120
- D) 3,600

12. [MA4AC10 HSLQ\_MA4AC10\_L]

In Ursula's garden there are 7 bushes, and there are 5 times as many flowers. Which of the following equations could be used to show how many flowers are in Ursula's garden?



- A)  $5 \times 5 = 25$
- B)  $7 \times 5 = 35$
- C)  $5 \times 7 = 45$
- D)  $7 + 5 = 12$

13. [MA4AC10 HSLQ\_MA4AC10\_M]

Roger has 8 magazines on his kitchen table. Richard has 4 times as many magazines on his bookshelf. Which equation could be used to show how many magazines Richard has?



- A)  $8 \times 4 = 32$
- B)  $4 + 8 = 12$
- C)  $8 \times 8 = 16$
- D)  $4 \times 4 = 16$

14. [MA4AC10 HSLQ\_MA4AC10\_N]

Adam wrote a 6-page letter to his sister Paula. She wrote a letter back to him that was 5 times as long. How long was the letter that Paula wrote?



- A) 18 pages
- B) 30 pages
- C) 11 pages
- D) 36 pages

15. [MA4AC10 HSLQ\_MA4AC10\_O]

What is the product of 80 times 50?



- A) 40
- B) 400
- C) 4,000
- D) 40,000

16. [MA4AC10 HSLQ\_MA4AC10\_P]

The play at the theater this month has 6 actors. The play that is going to begin next month will have 3 times as many actors. Which equation could be used to show how many actors are going to be in next month's play?

- A)  $18 \times 3 = 54$
  - B)  $3 \times 3 \times 3 = 27$
  - C)  $6 \times 3 = 18$
  - D)  $3 + 9 = 12$
17. [MA4AC10 HSLQ\_MA4AC10\_Q]

Julie worked 9 hours this week. Pilar worked 2 times as long as Julie. How long did Pilar work this week?

- A) 18 hours
  - B) 9 hours
  - C) 11 hours
  - D) 27 hours
18. [MA4AC10 HSLQ\_MA4AC10\_R]

What is the product of 90 times 50?

- A) 4,000
  - B) 450
  - C) 14,000
  - D) 4,500
19. [MA4AC10 HSLQ\_MA4AC10\_S]

Roberto needs to buy 9 boxes of cereal. If each box of cereal costs \$7, how much money will Roberto need?

- A) \$45
  - B) \$16
  - C) \$27
  - D) \$63
20. [MA4AC10 HSLQ\_MA4AC10\_T]

Anita needs to buy 9 bottles of juice for the party. If each bottle of juice costs \$4, how much money does Anita spend on juice in all?

- A) \$72
- B) \$13
- C) \$27
- D) \$36

**Questions and Responses**

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**Lesson Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Partial Products #(3462)

1. [MA4AC02 A] Find the product.

**42 x 6 =**

- A) 242  
 B) 252  
C) 360  
D) 36

2. [MA4AC02 B] Find the product.

**i52**

**x 4**

- A) 28  
B) 100  
 C) 208  
D) 280

3. [MA4AC02 C] Find the product.

**76 x 3 =**

- A) 39  
 B) 228  
C) 390  
D) 218

4. [MA4AC02 D] Find the product.

**i47**

**x 5**

- A) 235  
B) 55  
C) 205  
D) 550

5. [MA4AC02 E] Find the product.

**242 x 4 =**

- A) 868  
B) 32  
C) 104  
 D) 968

6. [MA4AC02 F] Find the product.

**182**

**i x 7**

- A) 764  
 B) 1,274  
C) 77  
D) 266

7. [MA4AC02 G] Find the product.

**226 x 8 =**

- A) 1,808  
B) 124  
C) 80  
D) 1,664

8. [MA4AC02 H] Find the product.

**365**

**i x 8**

- A) 112  
B) 760  
 C) 2,920  
D) 2,480

9. [MA4AC02 I] Choose the multiplication problem that correctly shows partial products.

[View Image](#)

- A) A  
B) B  
 C) C
10. [MA4AC02 J] Choose the multiplication problem that correctly shows partial products. [View Image](#)  
 A) A  
B) B  
C) C
11. [MA4AC02 K] Choose the multiplication problem that correctly shows partial products. [View Image](#)  
 B) B  
C) C
12. [MA4AC02 L] Choose the multiplication problem that correctly shows partial products. [View Image](#)  
A) A  
 B) B  
C) C
13. [MA4AC02 M] Find the product.  
 **$30 \times 6 =$**   
 A) 180  
B) 1,800  
C) 18  
D) 108
14. [MA4AC02 N] Find the product.  
 **$400 \times 7 =$**   
A) 28  
B) 280  
 C) 2,800  
D) 28,000
15. [MA4AC02 O] Find the product.  
 **$400 \times 5 =$**   
A) 20  
B) 200  
 C) 2,000  
D) 20,000
16. [MA4AC02 P] Find the product.  
 **$5,000 \times 8 =$**   
A) 40  
B) 400  
C) 4,000  
 D) 40,000
17. [MA4AC02 Q] Find the missing factor.  
 **$200 \times \underline{\quad} = 600$**   
 A) 2  
B) 3  
C) 4  
D) 5
18. [MA4AC02 R] Find the missing factor.  
 **$30 \times \underline{\quad} = 240$**   
A) 6  
B) 7  
 C) 8  
D) 9
19. [MA4AC02 S] Find the missing factor.  
 **$\underline{\quad} \times 7 = 2,800$**   
A) 4  
B) 40  
 C) 400  
D) 4,000
20. [MA4AC02 T] Find the missing factor.  
 **$\underline{\quad} \times 5 = 3,000$**   
A) 6  
B) 60  
 C) 600  
D) 6,000

**Questions and Responses**

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**Lesson Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Multiply Large Numbers #(3463)

1. [MA4AC03 A] Find the product.

**$19 \times 15 =$**

- A) 60  
B) 1,995  
 C) 285  
D) 2,445

2. [MA4AC03 B] Find the product.

**$28 \times 17 =$**

- A) 476  
B) 170  
C) 2,996  
D) 1,196

3. [MA4AC03 C] Find the product.

**$41 \times 27 =$**

- A) 117  
 B) 1,107  
C) 855  
D) 8,487

4. [MA4AC03 D] Find the product.

**$32 \times 35 =$**

- A) 120  
B) 1,660  
 C) 1,120  
D) 175

5. [MA4AC03 E] Find the product.

**$48 \times 14 =$**

- A) 168  
B) 1,392  
C) 1,248  
 D) 672

6. [MA4AC03 F] Find the product.

**$73 \times 42 =$**

- A) 312  
B) 3,066  
C) 2,940  
D) 4,146

7. [MA4AC03 G] Find the product.

**$65 \times 58 =$**

- A) 638  
B) 6,020  
 C) 3,770  
D) 3,338

8. [MA4AC03 H] Find the product.

**$132 \times 16 =$**

- A) 7,512  
B) 4,992  
 C) 2,112  
D) 2,192

9. [MA4AC03 I] Find the product.

**$213 \times 28 =$**

- A) 5,964  
B) 5,684

- C) 924  
D) 9,024  
10. [MA4AC03 J] Find the product.

$$475 \times 63 =$$

- A) 4,275  
B) 1,305  
C) 3,006  
 D) 29,925  
11. [MA4AC03 K] Find the product.

$$329 \times 46 =$$

- A) 15,134  
B) 4,334  
C) 4,010  
D) 22,334  
12. [MA4AC03 L] Find the product.

$$824 \times 72 =$$

- A) 57,888  
B) 59,688  
 C) 59,328  
D) 57,408  
13. [MA4AC03 M] Find the product.

$$546 \times 85 =$$

- A) 10,410  
B) 8,160  
C) 7,098  
 D) 46,410  
14. [MA4AC03 N] Find the product.

$$683 \times 47 =$$

- A) 7,513  
B) 33,181  
 C) 32,101  
D) 28,897  
15. [MA4AC03 O] Choose the correct multiplication problem. [View Image](#)

- A) A  
 B) B  
C) C

16. [MA4AC03 P] Choose the correct multiplication problem. [View Image](#)

- A) A  
 B) B  
C) C

17. [MA4AC03 Q] Choose the correct multiplication problem. [View Image](#)

- A) A  
B) B  
 C) C

18. [MA4AC03 R] Choose the correct multiplication problem. [View Image](#)

- A) A  
B) B  
C) C

19. [MA4AC03 S] Choose the correct multiplication problem. [View Image](#)

- A) A  
B) B  
C) C

20. [MA4AC03 T] Choose the correct multiplication problem. [View Image](#)

- A) A  
B) B  
 C) C

## Questions and Responses

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### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Multiple Factors #(3464)

1. [MA4AC04 A] Find the product.

$$8 \times 9 \times 2 =$$

- A) 72  
 B) 144  
 C) 88

2. [MA4AC04 B] Find the product.

$$3 \times 9 \times 7 =$$

- A) 189  
 B) 271  
 C) 149

3. [MA4AC04 C] Find the product.

$$2 \times 5 \times 7 =$$

- A) 70  
 B) 49  
 C) 50

4. [MA4AC04 D] Find the product.

$$7 \times 5 \times 8 =$$

- A) 240  
 B) 250  
 C) 280

5. [MA4AC04 E] Find the product.

$$9 \times 6 \times 3 =$$

- A) 152  
 B) 92  
 C) 162

6. [MA4AC04 F] Find the product.

$$8 \times 7 \times 4 =$$

- A) 204  
 B) 224  
 C) 164

7. [MA4AC04 G] Find the product.

$$2 \times 5 \times 4 =$$

- A) 28  
 B) 18  
 C) 40

8. [MA4AC04 H] Find the product.

$$7 \times 4 \times 3 =$$

- A) 84  
 B) 74  
 C) 64

9. [MA4AC04 I] Find the volume.

- A) 168 cubic in.  
 B) 158 cubic in.  
 C) 148 cubic in.

[View Image](#)

10. [MA4AC04 J] Find the volume.

- A) 50 cubic cm  
 B) 90 cubic cm  
 C) 120 cubic cm

[View Image](#)

11. [MA4AC04 K] Find the volume.

- A) 80 cubic m  
 B) 100 cubic m  
 C) 125 cubic m

[View Image](#)

12. [MA4AC04 L] Find the volume.

[View Image](#)

- A) 48 cubic ft.  
B) 68 cubic ft.  
C) 38 cubic ft.
13. [MA4AC04 M] Find the volume. [View Image](#)  
A) 34 cubic m  
B) 84 cubic m  
 C) 54 cubic m
14. [MA4AC04 N] Find the volume. [View Image](#)  
A) 124 cubic ft.  
 B) 144 cubic ft.  
C) 164 cubic ft.
15. [MA4AC04 O] Frederick bought a gift box that is 9 inches tall, 5 inches wide, and 4 inches long. What is the volume of the gift box Frederick bought?  
A) 81 cubic inches  
B) 160 cubic inches  
 C) 180 cubic inches
16. [MA4AC04 P] Mirela is building a box to store her winter clothing. The box is 2 feet long, 2 feet wide, and 4 feet tall. What is the volume of the box?  
 A) 16 cubic feet  
B) 12 cubic feet  
C) 8 cubic feet
17. [MA4AC04 Q] Lorenzo needs a new tank for his exotic fish. He buys a tank that is 8 feet long, 4 feet wide, and 2 feet deep. What is the volume of Lorenzo's new fish tank?  
A) 48 cubic feet  
B) 52 cubic feet  
 C) 64 cubic feet
18. [MA4AC04 R] Veronica is building a bookcase that is 4 feet wide, 3 feet long, and 8 feet tall. What is the volume of Veronica's bookcase?  
A) 76 cubic feet  
 B) 96 cubic feet  
C) 126 cubic feet
19. [MA4AC04 S] Walter needs a box with a volume of 280 cubic feet to store his winter clothes. Which of the following box measurements will hold his clothes?  
A) 5 feet x 6 feet x 4 feet  
 B) 7 feet x 8 feet x 5 feet  
C) 9 feet x 5 feet x 3 feet
20. [MA4AC04 T] Janie wants to build a sandbox in her backyard. She bought 80 cubic meters of sand. Which of the following sandbox measurements will hold the sand?  
 A) 8 meters x 5 meters x 2 meters  
B) 3 meters x 3 meters x 7 meters  
C) 3 meters x 2 meters x 5 meters

## Questions and Responses

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## Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Factors and Common Factors #(3465)

1. [MA4AC05 A] Find all the factors of 12.  
A) 2, 3, 4, 6  
B) 2, 3, 4, 6, 12  
 C) 1, 2, 3, 4, 6, 12
2. [MA4AC05 B] Find all the factors of 32.  
A) 4, 8  
 B) 1, 2, 4, 8, 16, 32  
C) 1, 2, 3, 4, 6, 8, 12, 16, 32
3. [MA4AC05 C] Find all the factors of 48.  
A) 2, 4, 6, 8, 12, 24  
 B) 1, 2, 3, 4, 6, 8, 12, 16, 24, 48  
C) 2, 3, 4, 6, 7, 8, 10, 12, 16, 24
4. [MA4AC05 D] Find all the factors of 15.  
 A) 1, 3, 5, 15  
B) 2, 3, 5, 7, 15  
C) 1, 2, 3, 5, 7, 15
5. [MA4AC05 E] Find all the factors of 8.  
A) 2, 4  
 B) 2, 3, 4, 6, 8  
C) 1, 2, 4, 8
6. [MA4AC05 G] Find all the common factors of 8 and 12.  
A) 2, 4  
 B) 1, 2, 4  
C) 1, 2, 4, 8
7. [MA4AC05 F] Find all the factors of 18.  
A) 2, 9  
 B) 1, 2, 3, 6, 9, 18  
C) 1, 2, 3, 4, 6, 8, 9, 18
8. [MA4AC05 H] Find all the common factors of 18 and 36.  
A) 3, 6  
B) 1, 3, 6  
 C) 1, 2, 3, 6, 9, 18
9. [MA4AC05 I] Find all the common factors of 16 and 32.  
 A) 1, 2, 4, 8, 16  
B) 2, 4, 6, 8, 16  
C) 1, 2, 4, 6, 8, 12, 16
10. [MA4AC05 J] Find all the common factors of 9 and 15.  
 A) 1, 3  
B) 1, 3, 9  
C) 1, 3, 5, 9
11. [MA4AC05 K] Find all the common factors of 14 and 28.  
A) 2, 7  
 B) 1, 2, 7, 14  
C) 1, 2, 4, 7, 14
12. [MA4AC05 L] Find the common factors of 42 and 56.  
A) 2  
B) 1, 2  
 C) 1, 2, 7, 14
13. [MA4AC05 M] The number 9 is a common factor of \_\_\_\_\_.  
A) 6 and 9  
 B) 9 and 36  
C) 16 and 27
14. [MA4AC05 N] The number 3 is a common factor of \_\_\_\_\_.  
 A) 9 and 15  
B) 6 and 10  
C) 8 and 12
15. [MA4AC05 O] The number 2 is a common factor of \_\_\_\_\_.  
A) all odd numbers  
 B) all even numbers  
C) every whole number
16. [MA4AC05 P] The number 1 is a common factor of \_\_\_\_\_.

- A) all odd numbers
  - B) all even numbers
  - C) all whole numbers
17. [MA4AC05 Q] The number 3 is a factor of \_\_\_\_\_.
- A) 4
  - B) 8
  - C) 12
18. [MA4AC05 R] The number 4 is a factor of \_\_\_\_\_.
- A) 18
  - B) 20
  - C) 26
19. [MA4AC05 S] The number 1 is a factor of \_\_\_\_\_.
- A) all odd numbers
  - B) all even numbers
  - C) all whole numbers
20. [MA4AC05 T] The number 2 is a factor of \_\_\_\_\_.
- A) all odd numbers
  - B) all even numbers
  - C) all whole numbers

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: What Does it Mean to Divide?

1. [AQNBT017 AQ4MA\_AQNBT017\_01]

What is the answer to this division problem?

$$24 \div 3 = ?$$

- A) 3
- B) 6
- C) 8
- D) 12

2. [AQNBT017 AQ4MA\_AQNBT017\_02]

What is the answer to this division problem?

$$33 \div 6 = ?$$

- A) 5
- B) 5 r. 3
- C) 6
- D) 4 r. 2

3. [AQNBT017 AQ4MA\_AQNBT017\_03]

Melinda has 56 flowers that she wants to plant in her garden. If she wants to arrange the flowers into 4 equal rows, how many flowers would be in each row?

- A) 14
- B) 20
- C) 4
- D) 16 r. 2

4. [AQNBT017 AQ4MA\_AQNBT017\_04]

What is the quotient of 62 divided by 5?

- A) 10 r. 5
- B) 12 r. 2
- C) 13
- D) 12 r. 4

5. [AQNBT017 AQ4MA\_AQNBT017\_05]

Kevin has 74 baseball cards. If he divides them into 4 piles, how many baseball cards will be in each pile?

- A) 16
- B) 20 r. 1
- C) 16 r. 3
- D) 18 r. 2

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Strategies for Solving Division Problems

1. [AQNBT018 AQ4MA\_AQNBT018\_01]

What is the answer to this division equation?

$$54 \div 7 = ?$$

- A) 7
  - B) 8
  - C) 8 r. 5
  - D) 7 r. 5
2. [AQNBT018 AQ4MA\_AQNBT018\_02]

What is the answer to this division equation?

$$43 \div 8 = ?$$

- A) 8 r. 3
  - B) 5 r. 3
  - C) 7
  - D) 6 r. 5
3. [AQNBT018 AQ4MA\_AQNBT018\_03]

Use one of the division strategies to solve this equation.

$$92 \div 5 = ?$$

- A) 21 r. 4
  - B) 15 r. 7
  - C) 19 r. 5
  - D) 18 r. 2
4. [AQNBT018 AQ4MA\_AQNBT018\_04]

Use one of the division strategies to solve this equation.

$$85 \div 3 = ?$$

- A) 26
  - B) 28 r. 1
  - C) 27 r. 2
  - D) 29
5. [AQNBT018 AQ4MA\_AQNBT018\_05]

Lindsay has to read a 72-page book in 6 days. If she reads an equal number of pages each day, how many pages will Lindsay need to read each day to complete the book?

- A) 9
- B) 10
- C) 11
- D) 12

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Dividing with 1-digit Divisors #(3466)

1. [MA4AC06 HSLQ\_MA4AC06\_A]

Find the quotient.

$$4 \overline{)32}$$

- A) 6  
 B) 7  
 C) 8  
 D) 9
2. [MA4AC06 HSLQ\_MA4AC06\_B]

Find the quotient.

$$816 \div 4$$

- A) 203  
 B) 204  
 C) 204 r1  
 D) 204 r2
3. [MA4AC06 HSLQ\_MA4AC06\_C]

Find the quotient.

$$9 \overline{)74}$$

- A) 8 r1  
 B) 8 r2  
 C) 9  
 D) 9 r1
4. [MA4AC06 HSLQ\_MA4AC06\_D]

Find the quotient.

$$2 \overline{)16}$$

- A) 6  
 B) 7  
 C) 8

- D) 9  
5. [MA4AC06 HSLQ\_MA4AC06\_E]

Find the quotient.

$$45 \div 5$$

- A) 6  
B) 7  
C) 8  
 D) 9  
6. [MA4AC06 HSLQ\_MA4AC06\_F]

Find the quotient.

$$6 \overline{)546}$$

- A) 90  
B) 91  
C) 91 r1  
D) 92  
7. [MA4AC06 HSLQ\_MA4AC06\_G]

Find the quotient.

$$7 \overline{)49}$$

- A) 6  
B) 7  
C) 7 r6  
D) 7 r7  
8. [MA4AC06 HSLQ\_MA4AC06\_H]

Find the quotient.

$$2 \overline{)1,002}$$

- A) 500 r2  
B) 501  
C) 502  
D) 502 r2  
9. [MA4AC06 HSLQ\_MA4AC06\_I]

Find the quotient.

$$960 \div 8$$

- A) 120

- B) 120 r2  
 C) 102  
 D) 102 r2  
 10. [MA4AC06 HSLQ\_MA4AC06\_J]

Find the quotient.

$$4 \overline{)4,026}$$

- A) 16  
 B) 106  
 C) 1,006  
 D) 1,006 r2  
 11. [MA4AC06 HSLQ\_MA4AC06\_K]

Find the quotient.

$$37 \div 5 = ?$$

- A) 8 r2  
 B) 8  
 C) 7  
 D) 7 r2  
 12. [MA4AC06 HSLQ\_MA4AC06\_L]

Find the quotient.

$$55 \div 6 = ?$$

- A) 10  
 B) 9 r1  
 C) 9  
 D) 10 r1  
 13. [MA4AC06 HSLQ\_MA4AC06\_M]

Carter has 24 posters in his room. If he arranges them into 6 equal rows, how many posters will be in each row?

- A) 8  
 B) 6  
 C) 4  
 D) 2  
 14. [MA4AC06 HSLQ\_MA4AC06\_N]

Christian has 51 books. If he arranges them into 3 equal rows on his bookshelf, how many books will be in each row?

- A) 17  
 B) 16  
 C) 21  
 D) 20  
 15. [MA4AC06 HSLQ\_MA4AC06\_O]

Use one of the division strategies to solve this equation.

$$86 \div 4 = ?$$

- A) 22 r2  
 B) 20 r6  
 C) 21 r2  
 D) 20 r4  
 16. [MA4AC06 HSLQ\_MA4AC06\_P]

Use one of the division strategies to solve this equation.

$$95 \div 6 = ?$$

- A) 15  
 B) 15 r5  
 C) 15 r6  
 D) 15 r3  
 17. [MA4AC06 HSLQ\_MA4AC06\_Q]

Each table at a restaurant can seat 4 people. If a group of 11

people needs to be seated, how many tables will be needed?

- A) 1
- B) 4
- C) 2
- D) 3

18. [MA4AC06 HSLQ\_MA4AC06\_R]

Janice has 23 feet of ribbon. She is making bows that each need 2 feet of ribbon. How many bows can she make?

- A) 11
- B) 12
- C) 10
- D) 13

19. [MA4AC06 HSLQ\_MA4AC06\_S]

Lauren is making pudding. Each batch requires 2 cups of milk. If she has 7 cups of milk, how many batches of pudding can she make?

- A) 2
- B) 4
- C) 3
- D) 1

20. [MA4AC06 HSLQ\_MA4AC06\_T]

Jen is packing books in boxes. She has 47 books. If each box can hold 8 books, how many boxes will she need?

- A) 6
- B) 5
- C) 7
- D) 8

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Interpreting Remainders

1. [AQOA028 AQ4MA\_AQOA028\_01]

3 people can sit at each table in a restaurant. If a group of 8 people come to the restaurant for lunch, how many tables are needed to seat all of them?

- A) 2
- B) 3
- C) 6
- D) 8

2. [AQOA028 AQ4MA\_AQOA028\_02]

Abdul wants to record songs that are each 6 minutes long. If he has 20 minutes of recording time, how many songs can Abdul record?

- A) 1
- B) 3
- C) 4
- D) 6

3. [AQOA028 AQ4MA\_AQOA028\_03]

Dr. Bethea has 11 pieces of fruit to give out to his 3 children. He wants to give each child the same number of pieces of fruit. How many pieces of fruit will be left over after he gives them out?

- A) 0
- B) 1
- C) 2
- D) 3

4. [AQOA028 AQ4MA\_AQOA028\_04]

Maya needs to mail 17 books to her aunt. Each of the boxes she has can hold 5 books. How many boxes will Maya need to mail all of the books?

- A) 2
- B) 3
- C) 4
- D) 5

5. [AQOA028 AQ4MA\_AQOA028\_05]

Bethany has 25 feet of rope to cut into dog leashes for the pet store where she works. If each leash must be 6 feet long, how many leashes can Bethany make from the rope?

- A) 4
- B) 5
- C) 6
- D) 2

**Questions and Responses**

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**Activity Quiz**

Date: 3/17/2021

Subject: Math

Level: 4

Activity: Quiz: Using Division to Compare

1. [QZM4009 AQ4MA\_QZM4009\_01]

The number 20 is 4 times as many as some number.

Which equation can be used to find the number?

A)  $4 \times 20 = 80$

B)  $20 \div 4 = 5$

C)  $20 + 4 = 24$

D)  $20 - 4 = 16$

2. [QZM4009 AQ4MA\_QZM4009\_02]

Gavin has 4 tangerines. Shira has 12 tangerines.

Which equation can be used to find how many times more tangerines Shira has than Gavin?

A)  $12 + 4 = 16$

B)  $12 - 4 = 8$

C)  $12 \times 4 = 48$

D)  $12 \div 4 = 3$

3. [QZM4009 AQ4MA\_QZM4009\_03]

Tamara takes care of 28 chickens. Her little sister Brianna takes care of 7 chickens.

How many times more chickens does Tamara take care of than Brianna?

A) 3

B) 4

C) 21

D) 35

4. [QZM4009 AQ4MA\_QZM4009\_04]

The elephant at the zoo eats 30 bales of hay every week. That is 5 times as many bales of hay as the giraffe eats.

How many bales of hay does the giraffe eat in a week?

- A) 150
  - B) 35
  - C) 6
  - D) 5
5. [QZM4009 AQ4MA\_QZM4009\_05]

Leslie's puppy has 4 toys. Her cat has 36 toys.  
How many times more toys does the cat have  
than the puppy?

- A) 6
- B) 7
- C) 8
- D) 9

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Dividing with 2-digit Divisors #(3467)

1. [MA4AC07 HSLQ\_MA4AC07\_A]

Find the quotient.

$$14 \overline{)294}$$

- A) 21  
 B) 28  
 C) 2 r10  
 D) 12 r1  
 E) none of the above
2. [MA4AC07 HSLQ\_MA4AC07\_B]

Find the quotient.

$$59 \overline{)629}$$

- A) 11  
 B) 19  
 C) 1 r9  
 D) 10 r39  
 E) none of the above
3. [MA4AC07 HSLQ\_MA4AC07\_C]

Find the quotient.

$$24 \overline{)908}$$

- A) 42  
 B) 38  
 C) 37 r20  
 D) 41 r4  
 E) none of the above
4. [MA4AC07 HSLQ\_MA4AC07\_D]

Find the quotient.

$$63 \overline{)5082}$$

- A) 80  
 B) 81  
 C) 80 r7  
 D) 80 r66  
 E) none of the above
5. [MA4AC07 HSLQ\_MA4AC07\_E]

Find the quotient.

$$74 \overline{)8214}$$

- A) 106  
 B) 111  
 C) 100 r214  
 D) 110 r7  
 E) none of the above
6. [MA4AC07 HSLQ\_MA4AC07\_F]

Find the quotient.

$$96 \overline{)9697}$$

- A) 101  
 B) 102  
 C) 100 r1  
 D) 101 r1  
 E) none of the above
7. [MA4AC07 HSLQ\_MA4AC07\_G]

Choose the correct number sentence.

**A**

**B**

$$40 \overline{)908} \quad 24 \overline{)1248}$$

- A) A  
 B) B  
 C) A and B  
 D) none of the above
8. [MA4AC07 HSLQ\_MA4AC07\_H]

Choose the correct number sentence.

**A**

**B**

$$19 \overline{)1121} \quad 59 \overline{)1121}$$

A) A

- B) B  
 C) A and B  
 D) none of the above  
 9. [MA4AC07 HSLQ\_MA4AC07\_I]

Choose the correct number sentence.

**A**

**B**

$$85 \overline{)765} \quad 25 \overline{)625}$$

- A) A  
 B) B  
 C) A and B  
 D) none of the above  
 10. [MA4AC07 HSLQ\_MA4AC07\_J]

**A**

**B**

$$67 \overline{)3484} \quad 67 \div 3484$$

Choose the division problem that helps you find the missing factor.

$$67 \times \underline{\quad} = 3484$$

- A) A  
 B) B  
 C) A or B  
 D) none of the above  
 11. [MA4AC07 HSLQ\_MA4AC07\_K]

**A**

**B**

$$87 \overline{)2720} \quad 2720 \div 85$$

Choose the division problem that helps you find the missing factor.

$$\underline{\quad} \times 85 = 2720$$

- A) A  
 B) B  
 C) A or B  
 D) none of the above  
 12. [MA4AC07 HSLQ\_MA4AC07\_L]

**A****B**

$$352 \overline{)11} \quad 11 \div 352$$

Choose the division problem that helps you find the missing factor.

$$11 \times \underline{\quad} = 352$$

- A) A  
 B) B  
 C) A or B  
 D) none of the above
13. [MA4AC07 HSLQ\_MA4AC07\_M]

Paul has collected 3,008 baseball cards. He wants to split them among 15 boxes. How many cards will be in each box? How many extra cards will there be?

- A) 200 cards in each box, 8 extra cards  
 B) 150 cards in each box, 1 extra card  
 C) 53 cards in each box, 14 extra cards  
 D) 45,120 cards in each box
14. [MA4AC07 HSLQ\_MA4AC07\_N]

Chong is grouping 705 nickels into rolls of 20 nickels. How many rolls will she have? How many extra nickels will there be?

- A) 30 rolls, 5 extra nickels  
 B) 35 rolls, 5 extra nickels  
 C) 141 rolls  
 D) 352 rolls, 1 extra nickel
15. [MA4AC07 HSLQ\_MA4AC07\_O]

Leda is grouping 895 dimes into rolls of 10 dimes. How many rolls will she have? How many extra dimes will there be?

- A) 8 rolls, 5 extra dimes  
 B) 40 rolls, 5 extra dimes  
 C) 89 rolls, 5 extra dimes  
 D) 800 rolls, 9 extra dimes
16. [MA4AC07 HSLQ\_MA4AC07\_P]

Use these clues to find the missing part of the number sentence.

The divisor is 38.

The quotient is 2 r4.

- A) The dividend is 80.  
 B) The dividend is 66.  
 C) The dividend is 228.  
 D) none of the above
17. [MA4AC07 HSLQ\_MA4AC07\_Q]

Use these clues to find the missing part of the number sentence.

The dividend is 63.

The divisor is 63.

- A) The quotient is 0.  
 B) The product is 9.  
 C) The remainder is 63.  
 D) none of the above
18. [MA4AC07 HSLQ\_MA4AC07\_R]

Mrs. Reyna had 320 pencils. If she divides them equally among

24 students, how many pencils will each student get? How many extra pencils with there be?

- A) 13 pencils, 7 extra pencils
  - B) 13 pencils, 8 extra pencils
  - C) 14 pencils, 16 extra pencils
  - D) 14 pencils, 0 extra pencils
19. [MA4AC07 HSLQ\_MA4AC07\_S]

Stella divided 555 beads equally into 15 boxes. How many beads were in each box?

- A) 35
  - B) 36
  - C) 37
  - D) 38
20. [MA4AC07 HSLQ\_MA4AC07\_T]

Elliott divided 480 baseball cards equally into 20 piles. How many baseball cards were in each pile?

- A) 24
- B) 21
- C) 23
- D) 20

**Questions and Responses**

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**Activity Quiz**

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Exploring Base Ten

1. [AQNBT014 AQ4MA\_AQNBT014\_01]

What is the product of 60 times 40?

- A) 240
- B) 1,000
- C) 2,400
- D) 400

2. [AQNBT014 AQ4MA\_AQNBT014\_02]

Louisa has a collection of postcards. She has 20 boxes of postcards. If each box holds 30 postcards, how many postcards does Louisa have altogether?

- A) 50
- B) 500
- C) 6,000
- D) 600

3. [AQNBT014 AQ4MA\_AQNBT014\_03]

What is the product of 80 times 20?

- A) 1,600
- B) 1,000
- C) 1,200
- D) 120

4. [AQNBT014 AQ4MA\_AQNBT014\_04]

There are 50 students in the auditorium. Each student has a notebook with 70 pages. How many pages are there altogether in the notebooks?

- A) 350
- B) 5,000
- C) 490
- D) 3,500

5. [AQNBT014 AQ4MA\_AQNBT014\_05]

What is the product of 90 times 30?

- A) 3,000
- B) 600
- C) 7,200
- D) 2,700

## Questions and Responses



### Activity Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: What Does Place Value Look Like?

1. [AQNBT015 AQ4MA\_AQNBT015\_01]

Find the quotient.

$$800 \div 8 = ?$$

- A) 10  
 B) 80  
 C) 100  
 D) 8
2. [AQNBT015 AQ4MA\_AQNBT015\_02]

Find the quotient.

$$900 \div 90 = ?$$

- A) 10  
 B) 9  
 C) 100  
 D) 90
3. [AQNBT015 AQ4MA\_AQNBT015\_03]

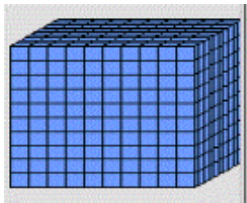
Frances has 300 bracelets and 30 boxes. How many bracelets will Frances put in each box if she divides them evenly?

- A) 50  
 B) 100  
 C) 10  
 D) 30
4. [AQNBT015 AQ4MA\_AQNBT015\_04]

Yagnesh wanted to divide 500 pennies into 5 jars evenly. How many pennies did he put into each jar?

- A) 10  
 B) 20  
 C) 50  
 D) 100
5. [AQNBT015 AQ4MA\_AQNBT015\_05]

Which equation represents dividing this thousand cube into 10 groups?



- A)  $1000 \div 10 = 100$   
 B)  $100 \div 100 = 1$   
 C)  $1000 \div 1000 = 1$   
 D)  $100 \div 10 = 10$

## Questions and Responses

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## Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Dividing by 10 and 100 #(10361)

1. [MA4AC11 HSLQ\_MA4AC11\_A]

What is the quotient of  $500 \div 10 = \underline{\hspace{2cm}}$ ?

- A) 5
- B) 500
- C) 10
- D) 50

2. [MA4AC11 HSLQ\_MA4AC11\_B]

What is the quotient of  $600 \div 6 = \underline{\hspace{2cm}}$ ?

- A) 6
- B) 60
- C) 100
- D) 10

3. [MA4AC11 HSLQ\_MA4AC11\_C]

Iris wanted to divide 2,000 bottle caps equally into 20 jars. How many bottle caps did she put in each jar?

- A) 100
- B) 200
- C) 20
- D) 1,000

4. [MA4AC11 HSLQ\_MA4AC11\_D]

Yolanda wanted to divide 500 stickers equally into 10 notebooks. How many stickers did she put in each notebook?

- A) 50
- B) 5
- C) 100
- D) 10

5. [MA4AC11 HSLQ\_MA4AC11\_E]

At a bookstore, there are 20 shelves for magazines. Each shelf has 40 magazines. How many magazines are there in the bookstore?

- A) 80
- B) 800
- C) 8,000
- D) 600

6. [MA4AC11 HSLQ\_MA4AC11\_F]

On the beach, Andy and Matt arranged 30 rows of shells. Each row contained 30 shells. How many shells did Andy and Matt arrange?

- A) 60
- B) 9,000
- C) 900
- D) 6,000

7. [MA4AC11 HSLQ\_MA4AC11\_G]

What is the product of  $5 \times 400 = \underline{\hspace{2cm}}$ ?

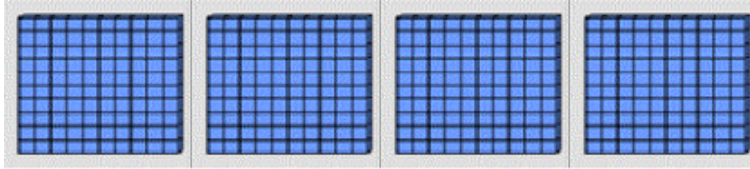
- A) 2,000
- B) 900
- C) 9,000
- D) 200

8. [MA4AC11 HSLQ\_MA4AC11\_H]

What is the product of  $60 \times 70 = \underline{\hspace{2cm}}$  ?

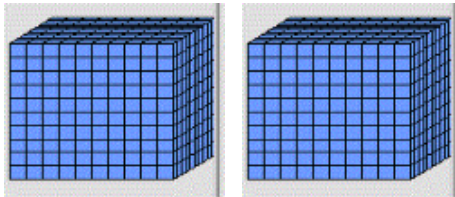
- A) 1,300  
 B) 900  
 C) 130  
 D) 4,200
9. [MA4AC11 HSLQ\_MA4AC11\_I]

Which equation would represent dividing these 4 hundreds flats into 40 equal groups?



- A)  $40 \times 40 = 1600$   
 B)  $400 \div 10 = 40$   
 C)  $400 \div 40 = 100$   
 D)  $400 \div 40 = 10$
10. [MA4AC11 HSLQ\_MA4AC11\_J]

What equation would represent dividing these 2 thousands blocks into 200 equal groups?



- A)  $2,000 \times 2 = 4,000$   
 B)  $2,000 \div 200 = 10$   
 C)  $20 \times 20 = 400$   
 D)  $2,000 \div 2 = 1,000$
11. [MA4AC11 HSLQ\_MA4AC11\_K]

What is the quotient of  $800 \div 80 = \underline{\hspace{2cm}}$  ?

- A) 10  
 B) 100  
 C) 1,000  
 D) 80
12. [MA4AC11 HSLQ\_MA4AC11\_L]

What is the quotient of  $7,000 \div 7 = \underline{\hspace{2cm}}$  ?

- A) 10  
 B) 100  
 C) 1,000  
 D) 700
13. [MA4AC11 HSLQ\_MA4AC11\_M]

Alvin wanted to give 200 pencils to his 20 friends. If Alvin gave each friend the same number of pencils, how many pencils did each friend get?

- A) 20  
 B) 10  
 C) 2  
 D) 4
14. [MA4AC11 HSLQ\_MA4AC11\_N]

Shaniqua has 10 boxes. If she stores 30 shirts in each box, how many shirts does Shaniqua have?

- A) 100  
 B) 300  
 C) 400  
 D) 1,000
15. [MA4AC11 HSLQ\_MA4AC11\_O]

What is the product of  $90 \times 70 = \underline{\hspace{2cm}}$  ?

- A) 6,300
- B) 1,600
- C) 160
- D) 7,200

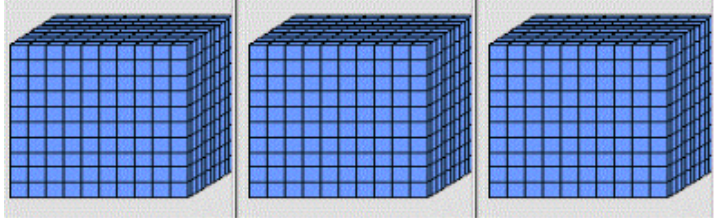
16. [MA4AC11 HSLQ\_MA4AC11\_P]

What is the product of  $60 \times 100 = \underline{\hspace{2cm}}$  ?

- A) 7,000
- B) 700
- C) 60
- D) 6,000

17. [MA4AC11 HSLQ\_MA4AC11\_Q]

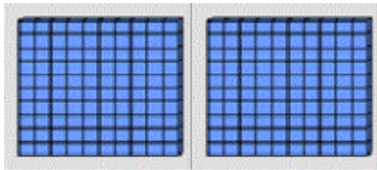
What equation would represent dividing these 3 thousands blocks into 30 equal groups?



- A)  $300 \times 30 = 9,000$
- B)  $30 \div 300 = 1,000$
- C)  $3,000 \div 30 = 100$
- D)  $30 \times 30 = 900$

18. [MA4AC11 HSLQ\_MA4AC11\_R]

Which equation would represent dividing these 2 hundreds flats into 100 equal groups?



- A)  $200 \times 2 = 400$
- B)  $2,000 \div 20 = 100$
- C)  $20 \times 100 = 2,000$
- D)  $200 \div 100 = 2$

19. [MA4AC11 HSLQ\_MA4AC11\_S]

Veronica had 5 rows on the wall to hang paintings. If she could fit 10 paintings in each row, how many paintings did Veronica hang on the wall?

- A) 25
- B) 60
- C) 50
- D) 100

20. [MA4AC11 HSLQ\_MA4AC11\_T]

Seth had to read a 300-page book in 30 days. How many pages did Seth read each day if he read the same number of pages each day?

- A) 30
- B) 100
- C) 3
- D) 10

## Questions and Responses

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## Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Average #(3469)

1. [MA4AC08 A] Find the average of this set of numbers.

3, 5, 7, 9

A) 3

B) 5

 C) 6

D) none of the above

2. [MA4AC08 B] Find the average of this set of numbers.

1, 1, 1, 2, 60

A) 5

 B) 13

C) 30

D) none of the above

3. [MA4AC08 C] Find the average of this set of numbers.

16, 20, 30, 30

A) 14

B) 15

C) 25

 D) none of the above

4. [MA4AC08 D] Find the average of this set of numbers.

1, 9, 11, 13, 26

 A) 12

B) 13

C) 14

D) none of the above

5. [MA4AC08 E] Find the average of this set of numbers.

28, 26, 21, 13

 A) 22

B) 20

C) 19

D) none of the above

6. [MA4AC08 F] Find the average of this set of numbers.

2, 5, 6, 14, 83

 A) 22

B) 20

C) 19

D) none of the above

7. [MA4AC08 G] Choose the set of numbers with an average of 8.

A) 3, 5, 7, 8, 12

 B) 2, 3, 6, 13, 16

C) 2, 4, 8, 11, 20

8. [MA4AC08 H] Choose the set of numbers with an average of 7.

 A) 3, 5, 7, 8, 12

B) 2, 3, 6, 13, 16

C) 2, 4, 8, 11, 20

9. [MA4AC08 I] Choose the set of numbers with an average of 9.

A) 3, 5, 7, 8, 12

B) 2, 3, 6, 13, 16

 C) 2, 4, 8, 11, 20

10. [MA4AC08 J] Which set has an average of 3?

A) A

 B) B

C) A and B

D) none of the above

11. [MA4AC08 K] Which set has an average of 8?

A) A

B) B

[View Image](#)[View Image](#)

- C) A and B  
 D) none of the above
12. [MA4AC08 L] Which set has an average of 2? [View Image](#)  
 A) A  
B) B  
C) A and B  
D) none of the above
13. [MA4AC08 M] Which set shows an average of 3? [View Image](#)  
A) A  
B) B  
 C) A and B  
D) none of the above
14. [MA4AC08 N] Which set shows an average of 2? [View Image](#)  
A) A  
B) B  
C) A and B  
 D) none of the above
15. [MA4AC08 O] Which set shows an average of 4? [View Image](#)  
A) A  
 B) B  
C) A and B  
D) none of the above
16. [MA4AC08 P] Choose the set of numbers with an average of 40.  
A) 30, 40, 50, 60  
 B) 20, 40, 60  
C) 20, 30, 40, 50, 80, 80
17. [MA4AC08 Q] Choose the set of numbers with an average of 45.  
 A) 30, 40, 50, 60  
B) 20, 40, 60  
C) 20, 30, 40, 50, 80, 80
18. [MA4AC08 R] Choose the set of numbers with an average of 50.  
A) 30, 40, 50, 60  
B) 20, 40, 60  
 C) 20, 30, 40, 50, 80, 80
19. [MA4AC08 S] Find the missing number if the average is 7.  
6 and \_\_\_\_\_  
 A) 8  
B) 10  
C) 12  
D) none of the above
20. [MA4AC08 T] Find the missing number if the average is 8.  
8 and \_\_\_\_\_  
 B) 8  
C) 12  
D) none of the above

**Questions and Responses**

**Chapter Test**

Date: 3/17/2021

Subject: Math

Level: 4

Chapter: Multiplication and Division #(600)

1. [MA4AC HSCT\_MA4AC\_01A]

**6, 9, 12, 18**

These numbers are multiples of \_\_\_\_\_.

- A) 2
- B) 3
- C) 4
- D) 5

2. [MA4AC HSCT\_MA4AC\_02A]

**12, 18, 30, 36**

These numbers are common multiples of \_\_\_\_\_.

- A) 2 and 3
- B) 3 and 4
- C) 4 and 5
- D) 3 and 5

3. [MA4AC HSCT\_MA4AC\_03A]

Find the product.

$$64 \times 3 =$$

- A) 182
- B) 192
- C) 300
- D) 201

4. [MA4AC HSCT\_MA4AC\_04A]

Find the product.

$$\begin{array}{r} 147 \\ \times 4 \\ \hline \end{array}$$

- A) 588
- B) 480
- C) 840
- D) 444

5. [MA4AC HSCT\_MA4AC\_05A]

Choose the multiplication problem that correctly shows partial products.

**A**

$$\begin{array}{r} 36 \\ \times 4 \\ \hline 24 \\ +120 \\ \hline 144 \end{array}$$

**B**

$$\begin{array}{r} 36 \\ \times 4 \\ \hline 12 \\ +240 \\ \hline 252 \end{array}$$

**C**

$$\begin{array}{r} 36 \\ \times 4 \\ \hline 240 \\ +120 \\ \hline 360 \end{array}$$

- A) choice A
- B) choice B
- C) choice C

6. [MA4AC HSCT\_MA4AC\_06A]

Find the product.

$$24 \times 35 =$$

- A) 48  
 B) 840  
 C) 192  
 D) 1,272
7. [MA4AC HSCT\_MA4AC\_07A]

Find the product.

$$328 \times 52 =$$

- A) 2,296  
 B) 8,056  
 C) 17,056  
 D) 22,816
8. [MA4AC HSCT\_MA4AC\_08A]

Find the product.

$$9 \times 6 \times 3 =$$

- A) 142  
 B) 162  
 C) 182
9. [MA4AC HSCT\_MA4AC\_09A]

Lorenzo needed a new tank for his exotic fish. He bought a tank that is 6 feet long, 7 feet wide, and 3 feet deep. What is the volume of Lorenzo's new fish tank?

- A) 45 cubic feet  
 B) 126 cubic feet  
 C) 60 cubic feet
10. [MA4AC HSCT\_MA4AC\_10A]

Find all of the factors of 18.

- A) 2, 9  
 B) 1, 2, 3, 6, 9, 18  
 C) 1, 2, 3, 4, 6, 8, 9, 18
11. [MA4AC HSCT\_MA4AC\_11A]

Find all of the common factors of 8 and 12.

- A) 2, 3, 4, 8  
 B) 1, 2, 4  
 C) 1, 2, 3, 4, 6, 8
12. [MA4AC HSCT\_MA4AC\_12A]

Find the quotient.

$$8 \overline{)630}$$

- A) 77 r1  
 B) 78 r5  
 C) 78 r6  
 D) 80
13. [MA4AC HSCT\_MA4AC\_13A]

Find the quotient.

$$2 \overline{)420}$$

- A) 21  
 B) 210  
 C) 240  
 D) 250
14. [MA4AC HSCT\_MA4AC\_14A]

Find the quotient.

$$24 \overline{)1,560}$$

- A) 65  
 B) 78  
 C) 120 r4  
 D) 54 r2  
 E) none of the above
15. [MA4AC HSCT\_MA4AC\_15A]

Find the quotient.

$$25 \overline{)2,005}$$

- A) 80  
 B) 82  
 C) 100 r5  
 D) 80 r2  
 E) none of the above
16. [MA4AC HSCT\_MA4AC\_16A]

Find the average of this set of numbers.

**7, 11, 12, 18**

- A) 11  
 B) 12  
 C) 13  
 D) none of the above
17. [MA4AC HSCT\_MA4AC\_17A]

Choose the set of numbers with an average of 18.

- A) 12, 15, 17, 28  
 B) 1, 7, 19, 53  
 C) 9, 9, 18, 40
18. [MA4AC HSCT\_MA4AC\_18A]

Kate walked 4 miles. Tina walked 2 times as far. Which equation represents how far Tina walked?

- A)  $4 \times 4 = 8$   
 B)  $4 + 2 = 6$   
 C)  $4 \times 2 = 8$   
 D)  $4 + 4 = 16$
19. [MA4AC HSCT\_MA4AC\_19A]

What is the quotient of 38 divided by 2?

- A) 9  
 B) 20  
 C) 18  
 D) 19
20. [MA4AC HSCT\_MA4AC\_20A]

What is the product of 30 times 40?

- A) 1,200

- B) 700
- C) 120
- D) 70

21. [MA4AC HSCT\_MA4AC\_01B]

**6, 18, 24, 42**

These numbers are multiples of \_\_\_\_\_.

- A) 4
- B) 5
- C) 6
- D) 7

22. [MA4AC HSCT\_MA4AC\_02B]

**12, 36, 48, 60**

These numbers are common multiples of \_\_\_\_\_.

- A) 2 and 5
- B) 3 and 4
- C) 3 and 5
- D) 4 and 5

23. [MA4AC HSCT\_MA4AC\_03B]

Find the product.

$$28 \times 9 =$$

- A) 182
- B) 900
- C) 207
- D) 252

24. [MA4AC HSCT\_MA4AC\_04B]

Find the product.

$$\begin{array}{r} 263 \\ \times 8 \\ \hline \end{array}$$

- A) 232
- B) 880
- C) 2,104
- D) 2,320

25. [MA4AC HSCT\_MA4AC\_05B]

Choose the multiplication problem that correctly shows partial products.

**A**

$$\begin{array}{r} 248 \\ \times 6 \\ \hline 12 \\ 240 \\ +4,800 \\ \hline 5,052 \end{array}$$

**B**

$$\begin{array}{r} 248 \\ \times 6 \\ \hline 120 \\ 240 \\ +480 \\ \hline 840 \end{array}$$

**C**

$$\begin{array}{r} 248 \\ \times 6 \\ \hline 48 \\ 240 \\ +1,200 \\ \hline 1,488 \end{array}$$

- A) choice A
- B) choice B
- C) choice C

26. [MA4AC HSCT\_MA4AC\_06B]

Find the product.

$$83 \times 52 =$$

- A) 572
- B) 681
- C) 4,172

- D) 4,316  
27. [MA4AC HSCT\_MA4AC\_07B]

Find the product.

$$748 \times 46 =$$

- A) 34,408  
B) 7,480  
C) 303,688  
D) 8,308  
28. [MA4AC HSCT\_MA4AC\_08B]

Find the product.

$$8 \times 4 \times 5 =$$

- A) 160  
B) 180  
C) 150  
29. [MA4AC HSCT\_MA4AC\_09B]

Veronica is building a bookcase that is 6 feet wide, 2 feet long, and 9 feet tall. What is the volume of Veronica's bookcase?

- A) 56 cubic feet  
B) 68 cubic feet  
 C) 108 cubic feet  
30. [MA4AC HSCT\_MA4AC\_10B]

Find all of the factors of 28.

- A) 4, 7  
B) 2, 3, 4, 7, 14  
 C) 1, 2, 4, 7, 14, 28  
31. [MA4AC HSCT\_MA4AC\_11B]

Find all of the common factors of 32 and 36.

- A) 1, 2, 4  
B) 1, 2, 3, 4, 6  
C) 1, 2, 3, 4, 6, 8, 9  
32. [MA4AC HSCT\_MA4AC\_12B]

Find the quotient.

$$5,000 \div 9$$

- A) 600  
 B) 555 r5  
C) 444  
D) 450  
33. [MA4AC HSCT\_MA4AC\_13B]

Find the quotient.

$$975 \div 5$$

- A) 195  
B) 187  
C) 175  
D) 167  
34. [MA4AC HSCT\_MA4AC\_14B]

Find the quotient.

$$13 \overline{)565}$$

- A) 19  
 B) 39  
 C) 43 r6  
 D) 36 r3  
 E) none of the above
35. [MA4AC HSCT\_MA4AC\_15B]

Find the quotient.

$$41 \overline{)4,184}$$

- A) 104  
 B) 112  
 C) 102 r2  
 D) 1,000 r1  
 E) none of the above
36. [MA4AC HSCT\_MA4AC\_16B]

Find the average of this set of numbers.

**1, 6, 11, 15, 17**

- A) 9  
 B) 10  
 C) 12  
 D) none of the above
37. [MA4AC HSCT\_MA4AC\_17B]

Choose the set of numbers with an average of 19.

- A) 12, 15, 17, 28  
 B) 1, 7, 19, 53  
 C) 9, 9, 18, 40
38. [MA4AC HSCT\_MA4AC\_18B]

Emily read 7 pages of a book. Farah read 3 times as many pages. Which equation represents the number of pages Farah read?

- A)  $7 \times 3 = 21$   
 B)  $7 + 3 = 10$   
 C)  $7 + 7 = 14$   
 D)  $7 \times 7 = 49$
39. [MA4AC HSCT\_MA4AC\_19B]

What is the quotient of 48 divided by 4?

- A) 10  
 B) 11  
 C) 14  
 D) 12
40. [MA4AC HSCT\_MA4AC\_20B]

Find the quotient.

$$400 \div 4 = ?$$

- A) 10  
 B) 100  
 C) 4  
 D) 40

## Questions and Responses

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### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Parts of a Set or a Whole #(3474)

1. [MA4AD01 A] In this fraction, the top number, or numerator, represents the number of \_\_\_\_\_.  
 A) dogs  
 B) cats  
 C) mice  
 D) dogs and cats  
[View Image](#)
2. [MA4AD01 B] In this fraction, the bottom number, or denominator represents the number of \_\_\_\_\_.  
 A) dogs  
 B) cats  
 C) cats and dogs  
 D) cats, dogs, and mice  
[View Image](#)
3. [MA4AD01 C] In this fraction, the top number, or numerator, represents the number of \_\_\_\_\_.  
 A) dogs  
 B) cats  
 C) mice  
 D) animals  
[View Image](#)
4. [MA4AD01 D] In this fraction, the bottom number, or denominator represents the number of \_\_\_\_\_.  
 A) dogs  
 B) cats  
 C) mice  
 D) animals  
[View Image](#)
5. [MA4AD01 E] Which shape is shaded  $\frac{2}{3}$  blue?  
 A) shape A  
 B) shape B  
 C) shape C  
 D) none of the above  
[View Image](#)
6. [MA4AD01 F] Which shape is shaded  $\frac{6}{6}$  blue?  
 A) shape A  
 B) shape B  
 C) shape C  
 D) none of the above  
[View Image](#)
7. [MA4AD01 G] What fractional part is shaded blue?  
 A)  $\frac{3}{9}$   
 B)  $\frac{3}{12}$   
 C)  $\frac{9}{12}$   
 D)  $\frac{3}{10}$   
[View Image](#)
8. [MA4AD01 H] What fractional part is shaded blue?  
 A)  $\frac{3}{5}$   
 B)  $\frac{3}{8}$   
 C)  $\frac{5}{8}$   
 D)  $\frac{2}{5}$   
[View Image](#)
9. [MA4AD01 I] What fractional part is shaded blue?  
 A)  $\frac{3}{9}$   
 B)  $\frac{6}{9}$   
 C)  $\frac{3}{6}$   
 D)  $\frac{2}{3}$   
[View Image](#)
10. [MA4AD01 J] What fractional part is shaded blue?  
 A)  $\frac{1}{1}$   
[View Image](#)

- 5
- B)  $\frac{1}{4}$
- C)  $\frac{3}{5}$
- D)  $\frac{4}{5}$
11. [MA4AD01 K] What fractional part is shaded blue? [View Image](#)
- A)  $\frac{3}{10}$
- B)  $\frac{4}{10}$
- C)  $\frac{3}{7}$
- D)  $\frac{4}{6}$
12. [MA4AD01 L] What fractional part is shaded red? [View Image](#)
- A)  $\frac{8}{8}$
- B)  $\frac{4}{8}$
- C)  $\frac{1}{8}$
- D)  $\frac{0}{8}$
13. [MA4AD01 M] What fractional part is shaded red? [View Image](#)
- A)  $\frac{2}{5}$
- B)  $\frac{3}{5}$
- C)  $\frac{2}{3}$
- D)  $\frac{3}{2}$
14. [MA4AD01 N] What fractional part is shaded green? [View Image](#)
- A)  $\frac{4}{6}$
- B)  $\frac{6}{10}$
- C)  $\frac{4}{10}$
- D)  $\frac{4}{8}$
15. [MA4AD01 O] What fractional part is shaded red? [View Image](#)
- A)  $\frac{0}{6}$
- B)  $\frac{3}{6}$
- C)  $\frac{5}{6}$
- D)  $\frac{6}{6}$
16. [MA4AD01 P] What fractional part is shaded yellow? [View Image](#)
- A)  $\frac{2}{7}$
- B)  $\frac{7}{9}$
- C)  $\frac{2}{9}$
- D)  $\frac{5}{9}$
17. [MA4AD01 Q] David and Jake each have 5 dimes. David spends 2 of his dimes. What fraction of the dimes do the boys have left?
- A)  $\frac{2}{5}$
- B)  $\frac{3}{5}$
- C)  $\frac{2}{10}$
- D)  $\frac{8}{10}$
18. [MA4AD01 R] A pizza is divided into 12 equal slices. Four of the slices have pepperoni. What fraction of the pizza does **not** have pepperoni?
- A)  $\frac{4}{8}$
- B)  $\frac{4}{12}$

C)  $\frac{.8}{12}$

D)  $\frac{.8}{.8}$

19. [MA4AD01 S] A piece of wood is cut into 8 equal parts. Three of the parts are used for a birdhouse. How much of the wood is left?

A)  $\frac{3}{8}$

B)  $\frac{5}{8}$

C)  $\frac{3}{5}$

D)  $\frac{2}{3}$

20. [MA4AD01 T] Three pairs of socks are washed and dried. When Jordan folds the socks, she discovers 1 sock is missing. What fraction of the socks does Jordan have?

A)  $\frac{1}{3}$

B)  $\frac{2}{3}$

C)  $\frac{5}{6}$

D)  $\frac{6}{6}$

## Questions and Responses

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### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Improper Fractions #(3475)

1. [MA4AD02 A] A number that has both a whole number and a fraction is called a(n) \_\_\_\_\_.  
 A) improper fraction  
 B) mixed number  
 C) whole fraction  
 D) combined number
2. [MA4AD02 B] When the numerator of a fraction is greater than the denominator, the fraction is called a(n) \_\_\_\_\_.  
 A) improper fraction  
 B) mixed number  
 C) whole fraction  
 D) combined number
3. [MA4AD02 C] What kind of number is shown? [View Image](#)  
 A) improper fraction  
 B) mixed number  
 C) whole fraction  
 D) combined number
4. [MA4AD02 D] What kind of fraction is shown? [View Image](#)  
 A) improper fraction  
 B) mixed number  
 C) whole fraction  
 D) combined number
5. [MA4AD02 F] Name the blue-shaded parts as a mixed number. [View Image](#)  
 A)  $2 \frac{2}{3}$   
 B)  $3 \frac{2}{3}$   
 C)  $2 \frac{2}{9}$   
 D)  $3 \frac{2}{9}$
6. [MA4AD02 G] Name the blue-shaded parts as a mixed number. [View Image](#)  
 A)  $1 \frac{2}{5}$   
 B)  $1 \frac{3}{5}$   
 C)  $2 \frac{3}{5}$   
 D)  $\dots \frac{2}{3}$
7. [MA4AD02 H] Name the blue-shaded parts as an improper fraction. [View Image](#)  
 A)  $\dots \frac{3}{4}$   
 B)  $\dots \frac{13}{16}$   
 C)  $\dots \frac{13}{4}$   
 D)  $3 \frac{1}{4}$
8. [MA4AD02 I] Name the blue-shaded parts as an improper fraction. [View Image](#)  
 A)  $\frac{2}{3}$   
 B)  $\frac{8}{9}$   
 C)  $\frac{4}{3}$   
 D)  $\frac{8}{3}$
9. [MA4AD02 J] Name the blue-shaded parts as an improper fraction. [View Image](#)  
 A)  $\frac{8}{10}$   
 B)  $\frac{3}{5}$   
 C)  $\frac{3}{10}$   
 D)  $\frac{8}{5}$
10. [MA4AD02 K] Rename the mixed number as an improper fraction. [View Image](#)  
 A)  $\frac{53}{4}$   
 B)  $\frac{23}{4}$   
 C)  $\frac{15}{4}$   
 D)  $\frac{8}{4}$
11. [MA4AD02 L] Rename the mixed number as an improper fraction. [View Image](#)  
 A)  $\frac{3}{5}$   
 B)  $\frac{12}{5}$   
 C)  $\frac{2}{6}$   
 D)  $\frac{7}{5}$

12. [MA4AD02 M] Rename the mixed number as an improper fraction. [View Image](#)
- A)  $11\frac{1}{3}$   
B)  $\frac{5}{3}$   
C)  $11\frac{1}{2}$   
D)  $\frac{32}{3}$
13. [MA4AD02 N] Rename the improper fraction as a mixed number. [View Image](#)
- A)  $1\frac{3}{4}$   
B)  $1\frac{7}{4}$   
 C)  $3\frac{1}{4}$   
D)  $10\frac{3}{4}$
14. [MA4AD02 O] Rename the improper fraction as a mixed number. [View Image](#)
- A)  $1\frac{0}{3}$   
B)  $7\frac{3}{3}$   
C)  $4\frac{1}{3}$   
 D)  $3\frac{1}{3}$
15. [MA4AD02 P] Rename the improper fraction as a mixed number. [View Image](#)
- A)  $1\frac{6}{5}$   
B)  $4\frac{2}{5}$   
 C)  $3\frac{1}{5}$   
D)  $2\frac{7}{5}$
16. [MA4AD02 Q] Lori ordered 4 pizzas. Each pizza was cut into 8 slices. She ate 2 slices. Find the mixed number that shows how much pizza is left.
- A)  $4\frac{2}{8}$   
B)  $8\frac{2}{4}$   
C)  $4\frac{6}{8}$   
 D)  $3\frac{6}{8}$
17. [MA4AD02 R] Mark has 14 baseballs. One box holds 12 baseballs. Which mixed number represents the number of boxes Mark has filled?
- A)  $2\frac{12}{14}$   
B)  $1\frac{2}{14}$   
 C)  $1\frac{2}{12}$   
D)  $12\frac{12}{14}$
18. [MA4AD02 S] Three squares are each divided into 4 equal parts. Kelly colors 10 parts. What fraction of the squares are colored?
- A)  $\frac{9}{4}$   
 B)  $\frac{10}{4}$   
C)  $\frac{3}{4}$   
D)  $\frac{3}{12}$
19. [MA4AD02 T] Six drinks make a 6-pack. Marty has 23 drinks. Name the mixed number of 6-packs Marty has.
- A)  $\frac{23}{6}$   
B)  $4\frac{1}{6}$   
 C)  $3\frac{5}{6}$   
D)  $2\frac{5}{6}$

## Questions and Responses



### Activity Quiz

Date: 3/17/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Equivalent Tenths and Hundredths

1. [AQ42012 AQ4MA\_AQ42012\_01]

Which fraction is equivalent to 30/100?

A)  $\frac{30}{10}$

B)  $\frac{3}{100}$

C)  $\frac{13}{100}$

D)  $\frac{3}{10}$

2. [AQ42012 AQ4MA\_AQ42012\_02]

Which statement is TRUE?

A)  $\frac{16}{10} = \frac{6}{100}$

B)  $\frac{6}{10} = \frac{60}{100}$

C)  $\frac{60}{10} = \frac{6}{100}$

D)  $\frac{16}{10} = \frac{60}{100}$

3. [AQ42012 AQ4MA\_AQ42012\_03]

Which fraction is equivalent to 7/10?

A)  $\frac{7}{100}$

B)  $\frac{70}{10}$

C)  $\frac{17}{10}$

D)  $\frac{70}{100}$

4. [AQ42012 AQ4MA\_AQ42012\_04]

Which statement is TRUE?

A)  $\frac{40}{100} = \frac{4}{10}$

B)  $\frac{4}{100} = \frac{4}{10}$

C)  $\frac{4}{100} = \frac{40}{10}$

D)  $\frac{14}{100} = \frac{4}{10}$

5. [AQ42012 AQ4MA\_AQ42012\_05]

Which fraction is equivalent to 60/100?

- A)  $\frac{6}{100}$
- B)  $\frac{6}{10}$
- C)  $\frac{16}{100}$
- D)  $\frac{16}{10}$

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

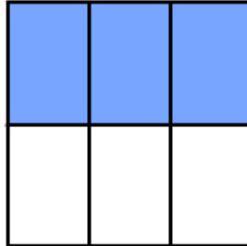
Subject: Math

Level: 4

Lesson: Equivalent Fractions #(3476)

1. [MA4AD03 HSLQ\_MA4AD03\_A]

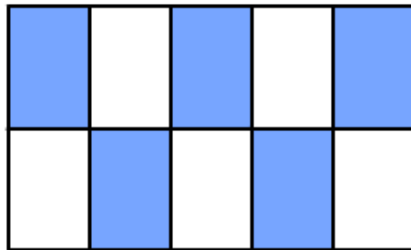
What fraction of the shape is shaded?



- A)  $\frac{1}{2}$
- B)  $\frac{1}{3}$
- C)  $\frac{1}{2}$  and  $\frac{3}{6}$
- D)  $\frac{1}{3}$  and  $\frac{3}{6}$

2. [MA4AD03 HSLQ\_MA4AD03\_B]

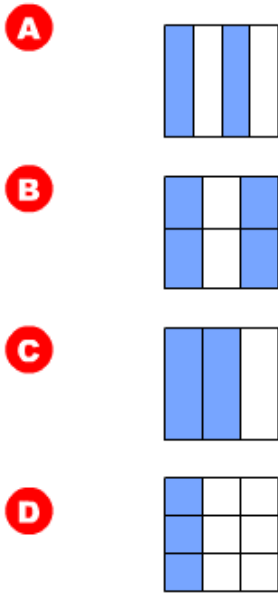
What fraction of the shape is shaded?



- A)  $\frac{5}{5}$  and  $\frac{1}{2}$
- B)  $\frac{5}{10}$  and  $\frac{1}{2}$
- C)  $\frac{5}{5}$  and  $\frac{2}{3}$
- D)  $\frac{5}{10}$  and  $\frac{2}{3}$

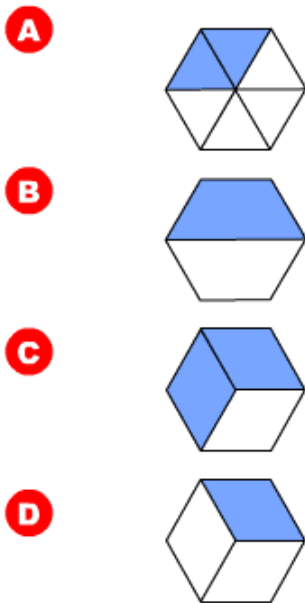
3. [MA4AD03 HSLQ\_MA4AD03\_C]

Which shapes show equivalent fractions?



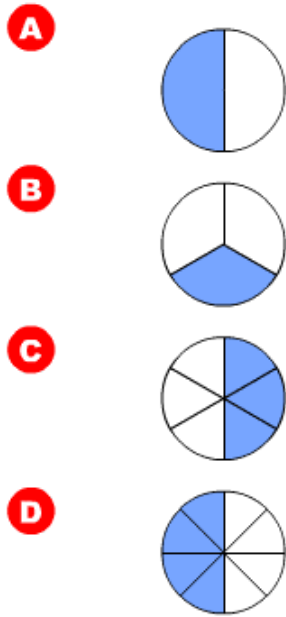
- A) shapes A and B
  - B) shapes A and C
  - C) shapes B and C
  - D) shapes C and D
4. [MA4AD03 HSLQ\_MA4AD03\_D]

Which shapes show equivalent fractions?



- A) shapes A and B
  - B) shapes A and D
  - C) shapes B and C
  - D) shapes A, B, and D
5. [MA4AD03 HSLQ\_MA4AD03\_E]

Which shapes show equivalent fractions?



- A) shapes A, B, and C
  - B) shapes A, B, and D
  - C) shapes A, C, and D
  - D) shapes B, C, and D
6. [MA4AD03 HSLQ\_MA4AD03\_F]

Find the equivalent fraction.

$$\frac{3}{4} =$$

- A)  $\frac{1}{2}$
  - B)  $\frac{6}{8}$
  - C)  $\frac{4}{5}$
  - D)  $\frac{2}{8}$
7. [MA4AD03 HSLQ\_MA4AD03\_G]

Find the equivalent fraction.

$$\frac{4}{8} =$$

- A)  $\frac{8}{4}$
  - B)  $\frac{2}{6}$
  - C)  $\frac{1}{2}$
  - D)  $\frac{1}{4}$
8. [MA4AD03 HSLQ\_MA4AD03\_H]

Find the equivalent fraction.

$$\frac{4}{5} =$$

- A)  $\frac{8}{10}$
- B)  $\frac{5}{4}$
- C)  $\frac{6}{10}$
- D)  $\frac{4}{8}$

9. [MA4AD03 HSLQ\_MA4AD03\_I]

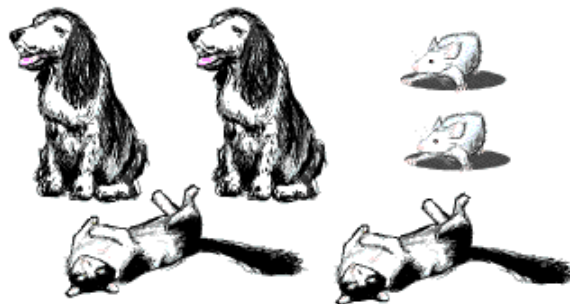
Find the equivalent fraction.

$$\frac{1}{2} =$$

- A)  $\frac{2}{3}$
- B)  $\frac{5}{10}$
- C)  $\frac{3}{8}$
- D)  $\frac{2}{1}$

10. [MA4AD03 HSLQ\_MA4AD03\_J]

What fraction of the animals are cats?



- A)  $\frac{1}{3}$  and  $\frac{2}{6}$
- B)  $\frac{2}{4}$  and  $\frac{1}{3}$
- C)  $\frac{2}{6}$  and  $\frac{2}{4}$
- D)  $\frac{1}{6}$  and  $\frac{1}{3}$

11. [MA4AD03 HSLQ\_MA4AD03\_K]

Reduce the fraction to simplest terms.

$$\frac{3}{8} =$$

- A)  $\frac{1}{3}$
- B)  $\frac{1}{2}$
- C)  $\frac{1}{4}$
- D) This fraction is in simplest terms.
12. [MA4AD03 HSLQ\_MA4AD03\_L]

Reduce the fraction to simplest terms.

$$\frac{2}{12} =$$

- A)  $\frac{1}{3}$
- B)  $\frac{1}{6}$
- C)  $\frac{2}{6}$
- D) This fraction is in simplest terms.
13. [MA4AD03 HSLQ\_MA4AD03\_M]

Reduce the fraction to simplest terms.

$$\frac{6}{18} =$$

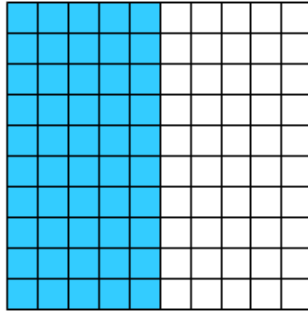
- A)  $\frac{1}{3}$
- B)  $\frac{1}{2}$
- C)  $\frac{1}{4}$
- D) This fraction is in simplest terms.
14. [MA4AD03 HSLQ\_MA4AD03\_N]

Reduce the fraction to simplest terms.

$$\frac{3}{15} =$$

- A)  $\frac{1}{3}$
- B)  $\frac{3}{10}$
- C)  $\frac{1}{5}$
- D) This fraction is in simplest terms.
15. [MA4AD03 HSLQ\_MA4AD03\_O]

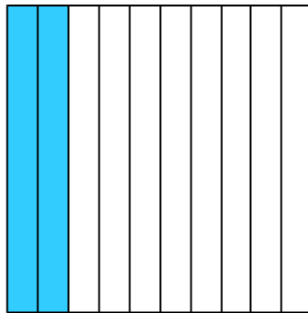
What fraction of the shape is shaded?



- A)  $\frac{50}{10}$  only
- B)  $\frac{5}{10}$  only
- C)  $\frac{50}{100}$  and  $\frac{5}{10}$
- D)  $\frac{50}{100}$  and  $\frac{50}{10}$

16. [MA4AD03 HSLQ\_MA4AD03\_P]

What fraction of the shape is shaded?



- A)  $\frac{20}{100}$  and  $\frac{2}{10}$
- B)  $\frac{2}{10}$  and  $\frac{2}{100}$
- C)  $\frac{2}{100}$  and  $\frac{20}{100}$
- D)  $\frac{2}{10}$  and  $\frac{20}{10}$

17. [MA4AD03 HSLQ\_MA4AD03\_Q]

Find the equivalent fraction.

$$\frac{6}{10} =$$

- A)  $\frac{16}{10}$
- B)  $\frac{60}{100}$
- C)  $\frac{16}{100}$
- D)  $\frac{6}{100}$

18. [MA4AD03 HSLQ\_MA4AD03\_R]

Find the equivalent fraction.

$$\frac{30}{100} =$$

A)  $\frac{13}{100}$

B)  $\frac{30}{10}$

C)  $\frac{3}{100}$

D)  $\frac{3}{10}$

19. [MA4AD03 HSLQ\_MA4AD03\_S]

Two or more fractions that name the same value are called

\_\_\_\_\_.

A) improper fractions

B) equivalent fractions

C) similar fractions

D) equilateral fractions

20. [MA4AD03 HSLQ\_MA4AD03\_T]

Equivalent fractions have the same \_\_\_\_\_.

A) numerator

B) denominator

C) numerator and denominator

D) value

## Questions and Responses



### Activity Quiz

Date: 3/4/2021



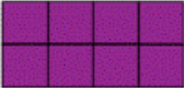

Subject: Math

Level: 4

Activity: Activity Quiz: Fractions that Simplify to Whole Numbers

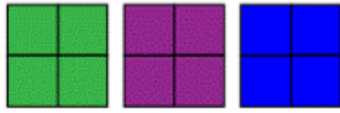
1. [AQ42000 AQ4MA\_AQ42000\_01]

Which fraction model is equal to 2?

- A) 
- B) 
- C) 
- D) 

2. [AQ42000 AQ4MA\_AQ42000\_02]

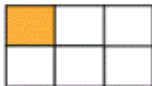
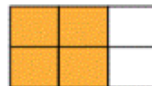
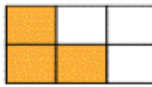
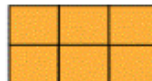
Which expression represents the model below?



- A)  $\frac{4}{12} = 2$
- B)  $\frac{4}{12} = 3$
- C)  $\frac{12}{4} = 3$
- D)  $\frac{12}{4} = 2$

3. [AQ42000 AQ4MA\_AQ42000\_03]

Which fraction model is equal to 1?

- A) 
- B) 
- C) 
- D) 

4. [AQ42000 AQ4MA\_AQ42000\_04]

Which expression represents the model below?



- A)  $\frac{9}{3} = 1$
- B)  $\frac{9}{3} = 2$
- C)  $\frac{9}{3} = 3$
- D)  $\frac{9}{3} = 4$

5. [AQ42000 AQ4MA\_AQ42000\_05]

Which model proves that  $\frac{10}{5}$  is equal to a whole number?

- A)
- B)
- C)
- D)

## Questions and Responses



### Activity Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Fractions and Equivalent Whole Numbers

1. [AQ42001 AQ4MA\_AQ42001\_01]

Which fraction is equal to 2?

- A)  $\frac{14}{7}$
- B)  $\frac{6}{2}$
- C)  $\frac{1}{2}$
- D)  $\frac{2}{2}$

2. [AQ42001 AQ4MA\_AQ42001\_02]

Which fraction is equal to 3?

- A)  $\frac{30}{10}$
- B)  $\frac{1}{3}$
- C)  $\frac{10}{3}$
- D)  $\frac{13}{1}$

3. [AQ42001 AQ4MA\_AQ42001\_03]

Which whole number is equal to  $\frac{18}{3}$ ?

- A) 9
- B) 7
- C) 8
- D) 6

4. [AQ42001 AQ4MA\_AQ42001\_04]

Which whole number is equal to  $\frac{24}{8}$ ?

- A) 5
- B) 4
- C) 3
- D) 2

5. [AQ42001 AQ4MA\_AQ42001\_05]

Which fractional number is NOT equal to 1?

- A)  $\frac{2}{2}$
- B)  $\frac{12}{12}$
- C)  $\frac{8}{8}$
- D)  $\frac{1}{2}$

$$\frac{1}{11}$$

## Questions and Responses



### Lesson Quiz

Date: 3/4/2021

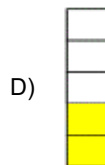
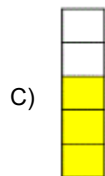
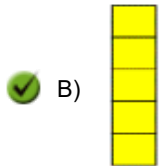
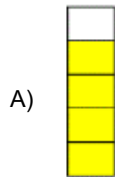
Subject: Math

Level: 4

Lesson: Fractions of Whole Numbers #(6868)

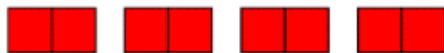
1. [MA4AD13 HSLQ\_MA4AD13\_A]

Which fraction model is equal to 1?



2. [MA4AD13 HSLQ\_MA4AD13\_B]

Which expression represents the model below?



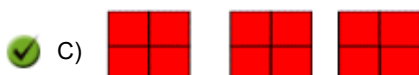
A)  $\frac{8}{2} = 4$

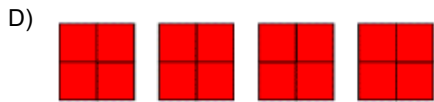
B)  $\frac{2}{8} = 4$

C)  $\frac{4}{8} = 2$

D)  $\frac{8}{8} = 2$

3. [MA4AD13 HSLQ\_MA4AD13\_C]

Which model proves that  $\frac{12}{4}$  is equal to a whole number?



4. [MA4AD13 HSLQ\_MA4AD13\_D]

Find the whole number equal to the fraction.

$$\frac{20}{5}$$

- A) 5  
 B) 20  
 C) 4  
 D) 15

5. [MA4AD13 HSLQ\_MA4AD13\_E]

Find the whole number equal to the fraction.

$$\frac{16}{8}$$

- A) 8  
 B) 16  
 C) 4  
 D) 2

6. [MA4AD13 HSLQ\_MA4AD13\_F]

Find the whole number equal to the fraction.

$$\frac{24}{4}$$

- A) 4  
 B) 20  
 C) 6  
 D) 24

7. [MA4AD13 HSLQ\_MA4AD13\_G]

Find the whole number equal to the fraction.

$$\frac{9}{9}$$

- A) 1  
 B) 18  
 C) 9  
 D) 3

8. [MA4AD13 HSLQ\_MA4AD13\_H]

Find the whole number equal to the fraction.

$$\frac{14}{7}$$

- A) 2  
 B) 7  
 C) 14  
 D) 1

9. [MA4AD13 HSLQ\_MA4AD13\_I]

Which expression represents the model below?



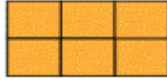
- A)  $\frac{12}{6} = 2$   
 B)  $\frac{6}{2} = 3$   
 C)

$$\frac{6}{6} = 1$$

D)  $\frac{12}{12} = 2$

10. [MA4AD13 HSLQ\_MA4AD13\_J]

Which expression represents the model below?



A)  $\frac{1}{6} = 1$

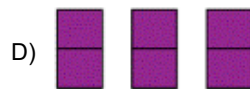
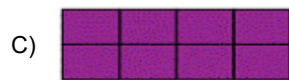
B)  $\frac{6}{6} = 1$

C)  $\frac{6}{1} = 6$

D)  $\frac{1}{1} = 6$

11. [MA4AD13 HSLQ\_MA4AD13\_K]

Which fraction model is equal to 2?



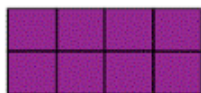
12. [MA4AD13 HSLQ\_MA4AD13\_L]

Which fraction model is equal to 3?



13. [MA4AD13 HSLQ\_MA4AD13\_M]

Which expression represents the model below?



A)  $\frac{8}{8} = 1$

B)  $\frac{1}{8} = 8$

C)  $\frac{8}{1} = 8$

D)

$$\frac{1}{1} = 1$$

14. [MA4AD13 HSLQ\_MA4AD13\_N]

Find the whole number equal to the fraction.

$$\frac{12}{4}$$

- A) 8
- B) 4
- C) 12
- D) 3

15. [MA4AD13 HSLQ\_MA4AD13\_O]

Find the whole number equal to the fraction.

$$\frac{30}{6}$$

- A) 24
- B) 5
- C) 30
- D) 6

16. [MA4AD13 HSLQ\_MA4AD13\_P]

Find the whole number equal to the fraction.

$$\frac{36}{9}$$

- A) 9
- B) 4
- C) 27
- D) 36

17. [MA4AD13 HSLQ\_MA4AD13\_Q]

Find the whole number equal to the fraction.

$$\frac{21}{3}$$

- A) 3
- B) 18
- C) 21
- D) 7

18. [MA4AD13 HSLQ\_MA4AD13\_R]

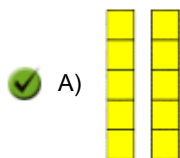
Find the whole number equal to the fraction.

$$\frac{27}{9}$$

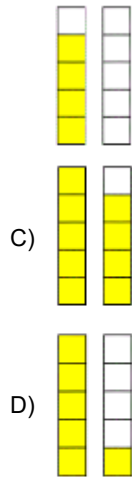
- A) 3
- B) 18
- C) 9
- D) 27

19. [MA4AD13 HSLQ\_MA4AD13\_S]

Which model proves that  $\frac{10}{5}$  is equal to a whole number?

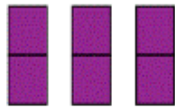


B)



20. [MA4AD13 HSLQ\_MA4AD13\_T]

Which expression represents the model below?



- A)  $\frac{3}{2} = 6$
- B)  $\frac{2}{3} = 6$
- C)  $\frac{2}{6} = 3$
- D)  $\frac{6}{2} = 3$

## Questions and Responses

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### Lesson Quiz

Date: 3/4/2021

Subject: Math

Level: 4

Lesson: Compare and Order Fractions #(3477)

1. [MA4AD04 D] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
2. [MA4AD04 A] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
3. [MA4AD04 B] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
4. [MA4AD04 C] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
5. [MA4AD04 E] Find the true statement.  
 A) The fraction with the greater denominator is the greater fraction.  
 B) The fraction with the greater numerator is the greater fraction.  
 C) When two fractions have equal denominators, the fraction with the greater numerator is the greater fraction.  
 D) When two fractions have equal numerators, the fraction with the greater denominator is the greater fraction.
6. [MA4AD04 F] Find the true statement.  
 A) If a fraction's numerator is increased, then the value of the fraction is increased.  
 B) If a fraction's denominator is increased, then the value of the fraction is increased.  
 C) If a fraction's denominator is increased, then the value of the fraction is decreased.  
 D) none of the above
7. [MA4AD04 G] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
8. [MA4AD04 H] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
9. [MA4AD04 I] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
10. [MA4AD04 J] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
11. [MA4AD04 K] Order the fractions from least to greatest. [View Image](#)  
 A)  $\frac{3}{5}$ ,  $\frac{3}{7}$ ,  $\frac{3}{4}$   
 B)  $\frac{3}{7}$ ,  $\frac{3}{5}$ ,  $\frac{3}{4}$   
 C)  $\frac{3}{4}$ ,  $\frac{3}{7}$ ,  $\frac{3}{5}$   
 D)  $\frac{3}{7}$ ,  $\frac{3}{4}$ ,  $\frac{3}{5}$
12. [MA4AD04 L] Order the fractions from least to greatest. [View Image](#)  
 A)  $\frac{5}{8}$ ,  $\frac{2}{8}$ ,  $\frac{1}{8}$   
 B)  $\frac{1}{8}$ ,  $\frac{5}{8}$ ,  $\frac{2}{8}$

8. 8. 8
- C)  $\frac{1}{8}, \frac{2}{8}, \frac{5}{8}$
- D)  $\frac{2}{8}, \frac{1}{8}, \frac{5}{8}$
13. [MA4AD04 M] Order the fractions from least to greatest. [View Image](#)
- A)  $\frac{5}{9}, \frac{5}{7}, \frac{5}{5}$
- B)  $\frac{5}{5}, \frac{5}{7}, \frac{5}{9}$
- C)  $\frac{5}{7}, \frac{5}{5}, \frac{5}{9}$
- D)  $\frac{5}{9}, \frac{5}{5}, \frac{5}{7}$
14. [MA4AD04 N] Choose the greatest fraction.
- A)  $\frac{1}{2}$
- B)  $\frac{1}{3}$
- C)  $\frac{1}{4}$
- D)  $\frac{1}{5}$
15. [MA4AD04 O] Choose the greatest fraction.
- A)  $\frac{2}{7}$
- B)  $\frac{2}{5}$
- C)  $\frac{2}{8}$
- D)  $\frac{2}{4}$
16. [MA4AD04 P] Choose the least fraction.
- A)  $\frac{3}{4}$
- B)  $\frac{2}{6}$
- C)  $\frac{1}{2}$
- D)  $\frac{4}{5}$
17. [MA4AD04 Q] Choose the least fraction.
- A)  $\frac{6}{7}$
- B)  $\frac{2}{3}$
- C)  $\frac{1}{9}$
- D)  $\frac{1}{2}$
18. [MA4AD04 R] Tom read  $\frac{3}{4}$  of a book. Sarah read  $\frac{2}{3}$  of the same book. Which student read more?
- A) Tom
- B) Sarah
- C) Both students read the same amount.
19. [MA4AD04 S] Todd swam  $\frac{2}{8}$  of a mile. Jerry swam  $\frac{5}{6}$  of a mile. Which boy swam further?
- B) Jerry
- C) Both boys swam the same distance.
20. [MA4AD04 T] Lisa ran  $\frac{1}{2}$  of a mile. Jan ran  $\frac{3}{6}$  of a mile. Which girl ran further?
- A) Lisa
- B) Jan
- C) Both girls ran the same distance.

## Questions and Responses

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## Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Quiz: Adding and Subtracting Fractions

1. [QZM4022 AQ4MA\_QZM4022\_01]

Gavyn cut a board into 5 equal pieces.



What fraction of the original board is represented by 1 piece?

- A)  $\frac{1}{5}$
- B)  $\frac{1}{10}$
- C)  $\frac{1}{5}$
- D)  $\frac{1}{10}$

2. [QZM4022 AQ4MA\_QZM4022\_02]

Jimmy decorated  $\frac{1}{8}$  of a bulletin board. Kevin decorated  $\frac{4}{8}$  of the bulletin board.

How much of the bulletin board did Jimmy and Kevin decorate together?

- A)  $\frac{1}{8}$
- B)  $\frac{3}{8}$
- C)  $\frac{5}{8}$
- D)  $\frac{5}{8}$

3. [QZM4022 AQ4MA\_QZM4022\_03]

Tiffany had  $\frac{3}{5}$  of a gallon of paint. She used  $\frac{1}{5}$  of a gallon to paint a shelf.

Which equation shows how much of the gallon of paint is left?

- A)  $\frac{3}{5} - \frac{1}{5} = \frac{4}{5}$
- B)  $\frac{3}{5} + \frac{1}{5} = \frac{3}{5}$
- C)  $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$
- D)  $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$

4. [QZM4022 AQ4MA\_QZM4022\_04]

$$1\frac{2}{5} - \frac{3}{5} = \square$$

Which number completes the equation?

A)

- B) 2
- C) 1
- D)  $\frac{3}{5}$
5. [QZM4022 AQ4MA\_QZM4022\_05]

$$1\frac{1}{3} + \frac{1}{3} = \square$$

Which number completes the equation?

- A)  $\frac{2}{3}$
- B)  $1\frac{1}{3}$
- C)  $1\frac{2}{3}$
- D) 2

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Add Fractions with Like Denominators

1. [AQ42004 AQ4MA\_AQ42004\_01]

Jenna rode her bike  $\frac{4}{6}$  of a mile to the library. Then she rode  $\frac{1}{6}$  of a mile to the park. How far did Jenna bike in all?

A)  $\frac{5}{12}$  mi.

B)  $\frac{5}{6}$  mi.

C)  $\frac{3}{6}$  mi.

D)  $\frac{3}{12}$  mi.

2. [AQ42004 AQ4MA\_AQ42004\_02]

There were 10 fish in a pond. If  $\frac{5}{10}$  of the fish were orange,  $\frac{2}{10}$  of the fish were red, and  $\frac{3}{10}$  of the fish were black, what fraction of the fish were either orange or red?

A)  $\frac{8}{10}$

B)  $\frac{10}{20}$

C)  $\frac{7}{10}$

D)  $\frac{7}{20}$

3. [AQ42004 AQ4MA\_AQ42004\_03]

The Flores family made a pitcher of lemonade. On Monday they drank  $\frac{2}{5}$  of the lemonade, and on Tuesday they drank  $\frac{2}{5}$  more. How much of the lemonade did they drink in all?

A)  $\frac{4}{10}$

B)  $\frac{2}{10}$

C)  $\frac{2}{5}$

D)  $\frac{4}{5}$

4. [AQ42004 AQ4MA\_AQ42004\_04]

Sam and Emma shared a pizza cut into 8 pieces. Sam ate  $\frac{3}{8}$  of the pizza, and Emma ate  $\frac{4}{8}$  of the pizza. What fraction of the

pizza did they eat?

- A)  $\frac{7}{8}$
- B)  $\frac{7}{16}$
- C)  $\frac{1}{8}$
- D)  $\frac{1}{16}$

5. [AQ42004 AQ4MA\_AQ42004\_05]

Jorge baked a cake and brownies for his mother's birthday. He used  $\frac{2}{4}$  of a cup of sugar for the cake and  $\frac{1}{4}$  of a cup of sugar for the brownies. How much sugar did he use in all?

- A)  $\frac{3}{4}$  c.
- B)  $\frac{3}{8}$  c.
- C)  $\frac{4}{8}$  c.
- D)  $\frac{2}{4}$  c.

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Subtract Fractions with Like Denominators

1. [AQ42005 AQ4MA\_AQ42005\_01]

Lin wants to bike  $\frac{9}{10}$  of a mile. She has already biked  $\frac{4}{10}$  of a mile. How much farther does she have to bike?

Simplify your answer.

- A)  $\frac{13}{10}$  mi.
- B)  $\frac{1}{2}$  mi.
- C)  $\frac{1}{4}$  mi.
- D)  $\frac{5}{20}$  mi.

2. [AQ42005 AQ4MA\_AQ42005\_02]

Amad had  $\frac{11}{12}$  of a pound of blueberries. He used  $\frac{7}{12}$  of a pound to make muffins. How many pounds of blueberries were left?

Simplify your answer.

- A)  $\frac{1}{3}$  lb.
- B)  $\frac{4}{3}$  lb.
- C)  $\frac{18}{12}$  lb.
- D)  $\frac{5}{12}$  lb.

3. [AQ42005 AQ4MA\_AQ42005\_03]

Jordyn had  $\frac{5}{8}$  of a pound of grapes. Martin had  $\frac{3}{8}$  of a pound.

How many more grapes did Jordyn have than Martin?

Simplify your answer.

- A)  $\frac{1}{4}$  lb.
- B)  $\frac{8}{8}$  lb.
- C)  $\frac{1}{8}$  lb.
- D)  $\frac{2}{4}$  lb.

4. [AQ42005 AQ4MA\_AQ42005\_04]

A recipe calls for  $\frac{3}{4}$  of a cup of sugar. David has  $\frac{1}{4}$  of a cup.

How much more sugar does David need?

Simplify your answer.

A)  $\frac{2}{2}$  c.

B)  $\frac{4}{4}$  c.

C)  $\frac{4}{8}$  c.

D)  $\frac{1}{2}$  c.

5. [AQ42005 AQ4MA\_AQ42005\_05]

Meghan had  $\frac{8}{9}$  of a gallon of water. She drank  $\frac{6}{9}$  of a gallon.

How much water was left?

A)  $\frac{2}{18}$  g.

B)  $\frac{14}{18}$  g.

C)  $\frac{1}{9}$  g.

D)  $\frac{2}{9}$  g.

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Decomposing Fractions

1. [AQ42002 AQ4MA\_AQ42002\_01]

Which equation is TRUE?

A)  $\frac{6}{8} = \frac{1}{8} + \frac{6}{8}$

B)  $\frac{6}{8} = \frac{3}{8} + \frac{3}{8}$

C)  $\frac{6}{8} = \frac{3}{4} + \frac{3}{4}$

D)  $\frac{6}{8} = \frac{1}{4} + \frac{5}{4}$

2. [AQ42002 AQ4MA\_AQ42002\_02]

Which expression is equal to  $\frac{3}{10}$ ?

A)  $\frac{1}{5} + \frac{2}{5}$

B)  $\frac{1}{10} + \frac{2}{10}$

C)  $\frac{1}{10} + \frac{3}{10}$

D)  $\frac{1}{5} + \frac{3}{5}$

3. [AQ42002 AQ4MA\_AQ42002\_03]

Which equation is true?

A)  $\frac{3}{4} = \frac{1}{4} + \frac{1}{4}$

B)  $\frac{3}{4} = \frac{1}{2} + \frac{2}{2}$

C)  $\frac{3}{4} = \frac{1}{2} + \frac{3}{2}$

D)  $\frac{3}{4} = \frac{1}{4} + \frac{2}{4}$

4. [AQ42002 AQ4MA\_AQ42002\_04]

Which expression is equal to  $\frac{4}{12}$ ?

A)  $\frac{2}{12} + \frac{2}{12}$

B)  $\frac{2}{6} + \frac{2}{6}$

C)  $\frac{1}{12} + \frac{4}{12}$

D)

$$\frac{1}{6} + \frac{3}{6}$$

5. [AQ42002 AQ4MA\_AQ42002\_05]

Which equation is TRUE?

A)  $\frac{5}{10} = \frac{2}{5} + \frac{3}{5}$

B)  $\frac{5}{10} = \frac{2}{10} + \frac{4}{10}$

C)  $\frac{5}{10} = \frac{1}{5} + \frac{4}{5}$

D)  $\frac{5}{10} = \frac{2}{10} + \frac{3}{10}$

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Decomposing Improper Fractions

1. [AQ42003 AQ4MA\_AQ42003\_01]

Which equation is TRUE?

A)  $\frac{9}{2} = \frac{7}{1} - \frac{2}{1}$

B)  $\frac{9}{2} = \frac{7}{2} - \frac{2}{2}$

C)  $\frac{9}{2} = \frac{7}{1} + \frac{2}{1}$

D)  $\frac{9}{2} = \frac{7}{2} + \frac{2}{2}$

2. [AQ42003 AQ4MA\_AQ42003\_02]

Which equation is FALSE?

A)  $\frac{8}{3} = \frac{3}{3} + \frac{3}{3} + \frac{2}{3}$

B)  $\frac{7}{4} = \frac{4}{4} + \frac{2}{4} + \frac{1}{4}$

C)  $\frac{6}{2} = \frac{3}{2} + \frac{2}{2} + \frac{2}{2}$

D)  $\frac{7}{5} = \frac{5}{5} + \frac{1}{5} + \frac{1}{5}$

3. [AQ42003 AQ4MA\_AQ42003\_03]

Which equation is FALSE?

A)  $\frac{10}{5} = \frac{5}{5} + \frac{5}{5}$

B)  $\frac{10}{3} = \frac{3}{3} + \frac{7}{3}$

C)  $\frac{10}{6} = \frac{6}{6} + \frac{3}{6}$

D)  $\frac{10}{2} = \frac{2}{2} + \frac{8}{2}$

4. [AQ42003 AQ4MA\_AQ42003\_04]

Which expression shows one way to break apart  $\frac{9}{5}$ ?

A)  $\frac{1}{2} + \frac{8}{3}$

B)  $\frac{4}{5} + \frac{5}{5}$

C)  $\frac{4}{2} + \frac{5}{3}$

D)  $\frac{2}{5} + \frac{3}{5}$

5. [AQ42003 AQ4MA\_AQ42003\_05]

Which expression shows one way to break apart  $\frac{4}{3}$ ?

A)  $\frac{3}{1} + \frac{1}{2}$

B)  $\frac{3}{3} + \frac{1}{3}$

C)  $\frac{2}{3} + \frac{1}{3}$

D)  $\frac{2}{2} + \frac{1}{1}$

## Questions and Responses

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## Lesson Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Lesson: Add and Subtract Fractions #(3478)

1. [MA4AD05 HSLQ\_MA4AD05\_A]

Find the difference of the fractions.

$$\frac{7}{9} - \frac{4}{9} =$$

Simplify your answer.

- A)  $\frac{8}{9}$
- B)  $\frac{3}{4}$
- C)  $\frac{1}{3}$
- D)  $\frac{1}{18}$

2. [MA4AD05 HSLQ\_MA4AD05\_B]

Find the difference of the fractions.

$$\frac{6}{10} - \frac{4}{10} =$$

Simplify your answer.

- A)  $\frac{2}{10}$
- B)  $\frac{2}{5}$
- C)  $\frac{1}{5}$
- D)  $\frac{1}{10}$

3. [MA4AD05 HSLQ\_MA4AD05\_C]

Find the sum of the fractions.

$$\frac{1}{9} + \frac{5}{9} =$$

Simplify your answer.

- A)  $\frac{6}{18}$
- B)  $\frac{1}{3}$
- C)  $\frac{2}{3}$

D)  $\frac{6}{9}$

4. [MA4AD05 HSLQ\_MA4AD05\_D]

Find the sum of the fractions.

$$\frac{1}{8} + \frac{5}{8} =$$

Simplify your answer.

A)  $\frac{3}{4}$

B)  $\frac{2}{3}$

C)  $\frac{6}{16}$

D)  $\frac{3}{8}$

5. [MA4AD05 HSLQ\_MA4AD05\_E]

Find the sum of the fractions.

$$\frac{2}{5} + \frac{2}{5} =$$

A)  $\frac{4}{10}$

B)  $\frac{5}{10}$

C)  $\frac{4}{5}$

D)  $\frac{2}{5}$

6. [MA4AD05 HSLQ\_MA4AD05\_F]

Find the sum of the fractions.

$$\frac{1}{6} + \frac{4}{6} =$$

A)  $\frac{5}{12}$

B)  $\frac{3}{6}$

C)  $\frac{5}{6}$

D)  $\frac{3}{12}$

7. [MA4AD05 HSLQ\_MA4AD05\_G]

The phrase *like denominators* means two or more fractions

\_\_\_\_\_.

A) are in consecutive order

- B) have the same numerator  
 C) have the same denominator  
 D) are equivalent  
 8. [MA4AD05 HSLQ\_MA4AD05\_H]

When adding fractions with like denominators, \_\_\_\_\_.

- A) add both the numerators and denominators  
 B) add the numerators and keep the same denominator  
 C) multiply the numerators and add the denominators  
 D) You cannot add fractions with like denominators.  
 9. [MA4AD05 HSLQ\_MA4AD05\_I]

Two fractions have denominators of 5. The numerators are 2 and 1. What is the denominator of their sum?

- A) 10  
 B) 8  
 C) 5  
 D) 3  
 10. [MA4AD05 HSLQ\_MA4AD05\_J]

Two fractions have denominators of 8. The numerators are 3 and 4. What is the denominator of their sum?

- A) 8  
 B) 7  
 C) 4  
 D) 16  
 11. [MA4AD05 HSLQ\_MA4AD05\_K]

Jamie has  $\frac{2}{5}$  of her homework done. Todd has  $\frac{1}{5}$  of his homework done. How much homework have they done altogether?

- A)  $\frac{3}{10}$   
 B)  $\frac{3}{5}$   
 C)  $\frac{4}{5}$   
 D)  $\frac{1}{5}$

12. [MA4AD05 HSLQ\_MA4AD05\_L]

Jake swam  $\frac{6}{10}$  of a mile. Walter swam  $\frac{3}{10}$  of a mile. How much further did Jake swim?

- A)  $\frac{9}{10}$  mi.  
 B)  $\frac{3}{5}$  mi.  
 C)  $\frac{9}{3}$  mi.  
 D)  $\frac{3}{10}$  mi.

13. [MA4AD05 HSLQ\_MA4AD05\_M]

Ali read  $\frac{1}{4}$  of her book on Monday and  $\frac{2}{4}$  of her book on Tuesday. How much of her book has she read in all?

A)  $\frac{1}{2}$

B)  $\frac{3}{4}$

C)  $\frac{2}{3}$

D)  $\frac{3}{8}$

14. [MA4AD05 HSLQ\_MA4AD05\_N]

Andrew ran  $\frac{2}{5}$  of a mile to the park. Then he ran  $\frac{2}{5}$  of a mile back home. How far did he run in all?

A)  $\frac{4}{5}$  mi.

B)  $\frac{2}{10}$  mi.

C)  $\frac{1}{5}$  mi.

D)  $\frac{4}{10}$  mi.

15. [MA4AD05 HSLQ\_MA4AD05\_O]

Juan had  $\frac{5}{6}$  of a pound of apples. He ate  $\frac{2}{6}$  of a pound. How many pounds did he have left?

Simplify your answer.

A)  $\frac{7}{6}$  lb.

B)  $\frac{3}{12}$  lb.

C)  $\frac{1}{2}$  lb.

D)  $\frac{1}{4}$  lb.

16. [MA4AD05 HSLQ\_MA4AD05\_P]

A recipe calls for  $\frac{3}{4}$  of a cup of flour. Reyna has  $\frac{2}{4}$  of a cup. How much more flour does she need?

A)  $\frac{5}{4}$  c.

B)  $\frac{5}{8}$  c.

C)  $\frac{1}{4}$  c.

D)  $\frac{1}{8}$  c.

17. [MA4AD05 HSLQ\_MA4AD05\_Q]

Find the sum of the fractions.

$$\frac{1}{9} + \frac{1}{9} =$$

- A)  $\frac{2}{18}$
- B)  $\frac{2}{9}$
- C)  $\frac{1}{3}$
- D)  $\frac{1}{9}$

18. [MA4AD05 HSLQ\_MA4AD05\_R]

Find the sum of the fractions.

$$\frac{2}{10} + \frac{2}{10} =$$

- A)  $\frac{4}{10}$
- B)  $\frac{4}{4}$
- C)  $\frac{5}{10}$
- D)  $\frac{3}{4}$

19. [MA4AD05 HSLQ\_MA4AD05\_S]

Which fraction is a multiple of  $\frac{1}{4}$ ?

- A)  $\frac{1}{8}$
- B)  $\frac{3}{4}$
- C)  $\frac{2}{5}$
- D)  $\frac{2}{10}$

20. [MA4AD05 HSLQ\_MA4AD05\_T]

Which fraction is a multiple of  $\frac{1}{10}$ ?

- A)  $\frac{1}{3}$
- B)  $\frac{11}{12}$
- C)  $\frac{2}{9}$
- D)  $\frac{7}{10}$

## Questions and Responses

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### Lesson Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Lesson: Add and Subtract Mixed Numbers #(3479)

1. [MA4AD06 A] Kim bought  $2\frac{1}{3}$  yards of red material and  $3\frac{1}{3}$  yards of blue material for her costume. How much material did Kim buy altogether?
  - A)  $5\frac{1}{3}$
  - B)  $5\frac{2}{6}$
  - C)  $5\frac{2}{3}$
  - D)  $6\frac{2}{6}$
2. [MA4AD06 B] Mark has a piece of wood  $4\frac{1}{4}$  feet long. Tony has a piece of wood  $1\frac{2}{4}$  feet long. How much wood do the boys have altogether?
  - A)  $4\frac{3}{4}$
  - B)  $5\frac{3}{4}$
  - C)  $5\frac{3}{8}$
  - D) 6
3. [MA4AD06 C] Find the sum of the mixed numbers. [View Image](#)
  - A)  $7\frac{2}{10}$
  - B)  $5\frac{4}{5}$
  - C)  $7\frac{4}{5}$
  - D)  $7\frac{2}{5}$
4. [MA4AD06 D] Find the sum of the mixed numbers. [View Image](#)
  - A)  $4\frac{2}{4}$
  - B)  $4\frac{3}{8}$
  - C)  $1\frac{3}{4}$
  - D)  $4\frac{3}{4}$
5. [MA4AD06 E] Find the sum of the mixed numbers. [View Image](#)
  - A)  $9\frac{4}{6}$
  - B)  $8\frac{5}{12}$
  - C)  $8\frac{5}{6}$
  - D)  $6\frac{5}{6}$
6. [MA4AD06 F] Find the sum of the mixed numbers. [View Image](#)
  - A)  $5\frac{7}{8}$
  - B)  $5\frac{7}{16}$
  - C)  $6\frac{6}{8}$
  - D)  $5\frac{6}{8}$
7. [MA4AD06 G] Find the sum of the mixed numbers. Simplify your answer. [View Image](#)
  - A)  $4\frac{6}{18}$
  - B)  $4\frac{6}{9}$
  - C)  $4\frac{2}{3}$
  - D)  $4\frac{2}{9}$
8. [MA4AD06 H] Find the sum of the mixed numbers. Simplify your answer. [View Image](#)
  - A)  $6\frac{6}{6}$
  - B)  $6\frac{6}{12}$
  - C) 7
  - D)  $7\frac{1}{6}$
9. [MA4AD06 I] Find the sum of the mixed numbers. Simplify your answer. [View Image](#)
  - A)  $9\frac{1}{5}$
  - B)  $8\frac{12}{10}$
  - C)  $9\frac{2}{10}$
  - D)  $8\frac{12}{20}$
10. [MA4AD06 J] Find the sum of the mixed numbers. Simplify your answer. [View Image](#)
  - A)  $7\frac{1}{8}$
  - B)  $7\frac{9}{8}$
  - C)  $6\frac{9}{8}$
  - D) 8
11. [MA4AD06 K] Find the difference of the mixed numbers. [View Image](#)
  - A)  $5\frac{1}{10}$
  - B)  $6\frac{1}{10}$
  - C)  $2\frac{1}{10}$

- D)  $2\frac{1}{5}$
12. [MA4AD06 L] Find the difference of the mixed numbers. [View Image](#)
- A)  $5\frac{1}{6}$
- B)  $4\frac{3}{6}$
- C)  $5\frac{1}{2}$
- D)  $6\frac{1}{6}$
13. [MA4AD06 M] Find the difference of the mixed numbers. [View Image](#)
- A)  $5\frac{5}{8}$
- B)  $7\frac{9}{8}$
- C)  $6\frac{3}{4}$
- D)  $6\frac{5}{8}$
14. [MA4AD06 N] Find the difference of the numbers. [View Image](#)
- A)  $2\frac{1}{4}$
- B)  $1\frac{1}{4}$
- C)  $2\frac{3}{4}$
- D)  $1\frac{3}{4}$
15. [MA4AD06 O] Find the difference of the mixed numbers. Simplify your answer. [View Image](#)
- A)  $1\frac{2}{3}$
- B)  $2\frac{3}{9}$
- C)  $2\frac{1}{3}$
- D)  $1\frac{4}{9}$
16. [MA4AD06 P] Find the difference of the mixed numbers. Simplify your answer. [View Image](#)
- A)  $2\frac{8}{10}$
- B)  $2\frac{4}{5}$
- C)  $3\frac{2}{10}$
- D)  $3\frac{1}{5}$
17. [MA4AD06 Q] Find the difference of the mixed numbers. Simplify your answer. [View Image](#)
- A)  $3\frac{6}{8}$
- B)  $3\frac{3}{4}$
- C)  $4\frac{2}{8}$
- D)  $4\frac{3}{8}$
18. [MA4AD06 R] Find the difference of the mixed numbers. Simplify your answer. [View Image](#)
- A)  $3\frac{6}{8}$
- B)  $3\frac{2}{8}$
- C)  $3\frac{3}{4}$
- D)  $4\frac{2}{8}$
19. [MA4AD06 S] Fred has  $4\frac{1}{5}$  feet of wood. Tim has only  $2\frac{2}{5}$  feet of wood. How much more wood does Fred have?
- A)  $6\frac{3}{5}$
- B)  $1\frac{4}{5}$
- C)  $2\frac{1}{5}$
- D)  $2\frac{4}{5}$
20. [MA4AD06 T] Laura has  $2\frac{1}{3}$  cups of sugar. Her recipe calls for 3 cups. How much more sugar does Laura need?
- A)  $5\frac{1}{3}$
- B)  $1\frac{2}{3}$
- C)  $\dots\frac{1}{3}$
- D)  $\dots\frac{2}{3}$

## Questions and Responses

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### Lesson Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Lesson: Add/Subtract Unlike Fractions #(3480)

1. [MA4AD07 A] The phrase **unlike denominators** means two or more fractions \_\_\_\_\_.  
 A) have different numerators  
 B) have the same numerator  
 C) have the same denominator  
 D) have different denominators
2. [MA4AD07 B] Two fractions have a numerator of 3. The denominators are 4 and 8. What is the first step in adding these fractions?  
 A) Add the numerators.  
 B) Add the denominators.  
 C) Change the fractions so that the denominators are the same.  
 D) Change the fractions so that the numerators are the same.
3. [MA4AD07 C] In order to add or subtract fractions, \_\_\_\_\_.  
 A) the numerators must be greater than the denominators  
 B) the denominators must be greater than the numerators  
 C) the denominators must be the same  
 D) the numerators must be the same
4. [MA4AD07 D] Find the least common denominator of these fractions. [View Image](#)  
 A) 2  
 B) 4  
 C) 5  
 D) 8
5. [MA4AD07 E] Find the least common denominator of these fractions. [View Image](#)  
 A) 3  
 B) 6  
 C) 9  
 D) 27
6. [MA4AD07 F] Find the least common denominator of these fractions. [View Image](#)  
 A) 4  
 B) 8  
 C) 12  
 D) 32
7. [MA4AD07 G] Find the sum of the fractions. Simplify your answer. [View Image](#)  
 A)  $\frac{3}{7}$   
 B)  $\frac{3}{10}$   
 C)  $\frac{9}{10}$   
 D)  $\frac{9}{15}$
8. [MA4AD07 H] Find the sum of the fractions. Simplify your answer. [View Image](#)  
 A)  $... \frac{5}{7}$   
 B)  $1 \frac{7}{12}$   
 C)  $1 \frac{5}{12}$   
 D)  $1 \frac{1}{4}$
9. [MA4AD07 I] Find the sum of the fractions. Simplify your answer. [View Image](#)  
 A)  $\frac{5}{6}$   
 B)  $\frac{4}{11}$   
 C)  $\frac{15}{18}$   
 D)  $\frac{4}{18}$
10. [MA4AD07 J] Find the sum of the fractions. Simplify your answer. [View Image](#)  
 A)  $1 \frac{4}{15}$   
 B)  $... \frac{5}{8}$   
 C)  $... \frac{19}{15}$   
 D)  $... \frac{5}{15}$
11. [MA4AD07 K] Find the sum of the fractions. Simplify your answer. [View Image](#)  
 A)  $... \frac{5}{11}$

- B)  $\dots^{25}/_{24}$   
 C)  $1 \frac{1}{12}$   
 D)  $1 \frac{1}{24}$
12. [MA4AD07 L] Find the least common denominator of these fractions. [View Image](#)  
 A) 2  
 B) 3  
 C) 6  
 D) 12
13. [MA4AD07 M] Find the least common denominator of these fractions. [View Image](#)  
 A) 4  
 B) 5  
 C) 9  
 D) 20
14. [MA4AD07 N] Find the least common denominator of these fractions. [View Image](#)  
 A) 2  
 B) 3  
 C) 5  
 D) 6
15. [MA4AD07 O] Find the difference of the fractions. Simplify your answer. [View Image](#)  
 A)  $\frac{1}{12}$   
 B)  $\frac{2}{2}$   
 C) 1  
 D)  $\frac{2}{24}$
16. [MA4AD07 P] Find the difference of the fractions. Simplify your answer. [View Image](#)  
 A)  $\frac{0}{6}$   
 B)  $\frac{2}{3}$   
 C)  $\frac{4}{9}$   
 D)  $\frac{12}{27}$
17. [MA4AD07 Q] Find the difference of the fractions. Simplify your answer. [View Image](#)  
 A)  $\dots^{4}/_{4}$   
 B)  $\dots^{3}/_{8}$   
 C)  $\dots^{12}/_{32}$   
 D)  $1 \frac{3}{8}$
18. [MA4AD07 R] Find the difference of the fractions. Simplify your answer. [View Image](#)  
 A)  $\frac{1}{2}$   
 B)  $\frac{1}{15}$   
 C)  $\frac{7}{15}$   
 D)  $\frac{1}{5}$
19. [MA4AD07 S] Jamie used  $\frac{2}{5}$  of her paint on the fence. Todd used  $\frac{1}{4}$  of his paint on the porch. How much paint did they use altogether?  
 A)  $\frac{3}{9}$   
 B)  $\frac{13}{20}$   
 C)  $\frac{1}{3}$   
 D)  $\frac{3}{20}$
20. [MA4AD07 T] Jake swam  $\frac{7}{10}$  of a mile. Walter swam  $\frac{3}{5}$  of a mile. How much farther did Jake swim?  
 A)  $\frac{4}{5}$   
 B)  $\frac{1}{5}$   
 C)  $\frac{4}{10}$   
 D)  $\frac{1}{10}$
21. [MA4AD07 UA] Find the sum. [View Image](#)  
 A)  $\frac{19}{28}$   
 B)  $\frac{15}{28}$

- C)  $\frac{4}{11}$   
D)  $\frac{14}{11}$
22. [MA4AD07 UB] Find the sum. [View Image](#)  
A)  $\frac{4}{12}$   
B)  $\frac{4}{8}$   
 C)  $\frac{5}{8}$   
D)  $\frac{6}{12}$
23. [MA4AD07 UC] Find the sum. [View Image](#)  
A)  $\frac{4}{6}$   
B)  $\frac{5}{9}$   
 C)  $\frac{3}{6}$   
D)  $\frac{2}{9}$
24. [MA4AD07 UD] Find the sum. [View Image](#)  
A)  $\frac{14}{35}$   
 B)  $\frac{12}{35}$   
C)  $\frac{2}{12}$   
D)  $\frac{14}{12}$
25. [MA4AD07 UE] Find the sum. [View Image](#)  
 A)  $\frac{5}{6}$   
B)  $\frac{2}{5}$   
C)  $\frac{1}{6}$   
D)  $\frac{7}{5}$
26. [MA4AD07 UF] Find the difference. [View Image](#)  
A)  $\frac{0}{1}$   
B)  $\frac{1}{20}$   
C)  $\frac{1}{1}$   
 D)  $\frac{3}{20}$
27. [MA4AD07 UG] Find the difference. [View Image](#)  
 A)  $\frac{7}{20}$   
B)  $\frac{2}{20}$   
C)  $\frac{2}{1}$   
D)  $\frac{1}{1}$
28. [MA4AD07 UH] Find the difference. [View Image](#)  
A)  $\frac{2}{35}$   
B)  $\frac{4}{2}$   
 C)  $\frac{16}{35}$   
D)  $\frac{2}{2}$
29. [MA4AD07 UI] Find the difference. [View Image](#)  
A)  $\frac{2}{2}$   
 B)  $\frac{6}{35}$   
C)  $\frac{2}{35}$   
D)  $\frac{0}{2}$
30. [MA4AD07 UJ] Find the difference. [View Image](#)  
A)  $\frac{3}{28}$   
 B)  $\frac{9}{28}$   
C)  $\frac{0}{3}$   
D)  $\frac{2}{3}$

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Add Tenths and Hundredths

1. [AQ42013 AQ4MA\_AQ42013\_01]

What is the sum of these fractions?

$$\frac{4}{10} + \frac{12}{100}$$

- A)  $\frac{16}{100}$
- B)  $\frac{52}{100}$
- C)  $\frac{16}{10}$
- D)  $\frac{52}{10}$

2. [AQ42013 AQ4MA\_AQ42013\_02]

What is the sum of these fractions?

$$\frac{8}{10} + \frac{7}{100}$$

- A)  $\frac{15}{100}$
- B)  $\frac{15}{10}$
- C)  $\frac{87}{100}$
- D)  $\frac{87}{10}$

3. [AQ42013 AQ4MA\_AQ42013\_03]

What is the sum of these fractions?

$$\frac{20}{100} + \frac{3}{10}$$

- A)  $\frac{23}{100}$
- B)  $\frac{23}{10}$
- C)  $\frac{50}{10}$
- D)  $\frac{50}{100}$

4. [AQ42013 AQ4MA\_AQ42013\_04]

Add:

$$\frac{35}{100} + \frac{2}{10} =$$

- A)  $\frac{55}{10}$
- B)  $\frac{37}{100}$
- C)  $\frac{55}{100}$
- D)  $\frac{37}{10}$
5. [AQ42013 AQ4MA\_AQ42013\_05]

Add:

$$\frac{5}{10} + \frac{41}{100} =$$

- A)  $\frac{46}{100}$
- B)  $\frac{46}{10}$
- C)  $\frac{91}{10}$
- D)  $\frac{91}{100}$

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Add a Fraction Multiple Times

1. [AQ42006 AQ4MA\_AQ42006\_01]

$$\frac{1}{9} + \frac{1}{9} = ?$$

- A)  $\frac{1}{9}$
- B)  $\frac{2}{18}$
- C)  $\frac{2}{9}$
- D)  $\frac{1}{18}$

2. [AQ42006 AQ4MA\_AQ42006\_02]

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} = ?$$

- A)  $\frac{3}{6}$
- B)  $\frac{3}{18}$
- C)  $\frac{1}{6}$
- D)  $\frac{2}{18}$

3. [AQ42006 AQ4MA\_AQ42006\_03]

$$\frac{2}{5} + \frac{2}{5} = ?$$

- A)  $\frac{2}{5}$
- B)  $\frac{2}{10}$
- C)  $\frac{4}{10}$
- D)  $\frac{4}{5}$

4. [AQ42006 AQ4MA\_AQ42006\_04]

$$\frac{3}{10} + \frac{3}{10} + \frac{3}{10} = ?$$

- A)  $\frac{10}{3}$
- B)  $\frac{9}{10}$
- C)

$$\frac{3}{10}$$

D)  $\frac{1}{3}$

5. [AQ42006 AQ4MA\_AQ42006\_05]

$$\frac{1}{2} + \frac{1}{2} = ?$$

A)  $\frac{2}{4}$

B)  $\frac{1}{4}$

C)  $\frac{1}{2}$

D)  $\frac{2}{2}$

## Questions and Responses

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## Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Fraction Multiples

1. [AQ42007 AQ4MA\_AQ42007\_01]

Which fraction is a multiple of  $\frac{1}{8}$  ?

A)  $\frac{14}{18}$

B)  $\frac{7}{16}$

C)  $\frac{8}{9}$

D)  $\frac{5}{8}$

2. [AQ42007 AQ4MA\_AQ42007\_02]

Which fraction is a multiple of  $\frac{1}{16}$  ?

A)  $\frac{4}{8}$

B)  $\frac{3}{6}$

C)  $\frac{2}{18}$

D)  $\frac{7}{16}$

3. [AQ42007 AQ4MA\_AQ42007\_03]

Which fraction is a multiple of  $\frac{1}{6}$  ?

A)  $\frac{7}{16}$

B)  $\frac{11}{12}$

C)  $\frac{4}{6}$

D)  $\frac{6}{9}$

4. [AQ42007 AQ4MA\_AQ42007\_04]

Which fraction is NOT a multiple of  $\frac{1}{12}$  ?

A)  $\frac{5}{12}$

B)

- C)  $\frac{2}{10}$
- D)  $\frac{3}{12}$

5. [AQ42007 AQ4MA\_AQ42007\_05]

Which fraction is NOT a multiple of  $\frac{1}{10}$ ?

- A)  $\frac{10}{3}$
- B)  $\frac{8}{10}$
- C)  $\frac{3}{10}$
- D)  $\frac{10}{10}$

## Questions and Responses

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## Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Fraction of a Whole - A

1. [AQ42008 AQ4MA\_AQ42008\_01]

Which multiplication equation represents this model?



- A)  $1 \times \frac{1}{3} = \frac{3}{3}$
- B)  $3 \times \frac{1}{3} = \frac{3}{3}$
- C)  $3 \times \frac{3}{3} = \frac{3}{3}$
- D)  $1 \times \frac{2}{3} = \frac{3}{3}$

2. [AQ42008 AQ4MA\_AQ42008\_02]

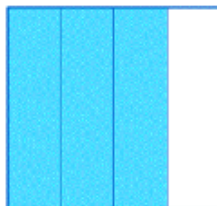
Which multiplication equation represents this model?



- A)  $2 \times \frac{1}{10} = \frac{2}{10}$
- B)  $2 \times \frac{2}{10} = \frac{2}{10}$
- C)  $10 \times \frac{1}{2} = \frac{2}{10}$
- D)  $10 \times \frac{2}{2} = \frac{2}{10}$

3. [AQ42008 AQ4MA\_AQ42008\_03]

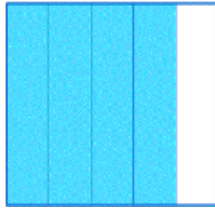
Which multiplication equation represents this model?



- A)  $4 \times \frac{3}{4} = \frac{3}{4}$
- B)  $4 \times \frac{1}{4} = \frac{3}{4}$
- C)  $3 \times \frac{3}{4} = \frac{3}{4}$
- D)  $3 \times \frac{1}{4} = \frac{3}{4}$

4. [AQ42008 AQ4MA\_AQ42008\_04]

Which multiplication equation represents this model?



- A)  $4 \times \frac{1}{4} = \frac{4}{4}$
- B)  $4 \times \frac{1}{5} = \frac{4}{5}$
- C)  $1 \times \frac{1}{5} = \frac{2}{5}$
- D)  $1 \times \frac{4}{5} = \frac{5}{4}$
5. [AQ42008 AQ4MA\_AQ42008\_05]

Which multiplication equation represents this model?



- A)  $4 \times \frac{1}{6} = \frac{4}{6}$
- B)  $6 \times \frac{1}{6} = \frac{4}{6}$
- C)  $6 \times \frac{1}{4} = \frac{4}{6}$
- D)  $4 \times \frac{1}{4} = \frac{4}{6}$

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Fraction of a Whole - B

1. [AQ42009 AQ4MA\_AQ42009\_01]

Multiply:

$$2 \times \frac{1}{6}$$

- A)  $\frac{3}{6}$
- B)  $\frac{2}{12}$
- C)  $\frac{2}{6}$
- D)  $\frac{3}{12}$

2. [AQ42009 AQ4MA\_AQ42009\_02]

Multiply:

$$5 \times \frac{1}{8}$$

- A)  $\frac{5}{8}$
- B)  $\frac{6}{8}$
- C)  $\frac{6}{13}$
- D)  $\frac{5}{13}$

3. [AQ42009 AQ4MA\_AQ42009\_03]

Multiply:

$$4 \times \frac{2}{10}$$

- A)  $\frac{6}{10}$
- B)  $\frac{8}{10}$
- C)  $\frac{6}{14}$
- D)  $\frac{8}{14}$

4. [AQ42009 AQ4MA\_AQ42009\_04]

Multiply:

$$\frac{1}{8} \times 7$$

- A)  $\frac{8}{15}$
- B)  $\frac{8}{8}$
- C)  $\frac{7}{15}$
- D)  $\frac{7}{8}$

5. [AQ42009 AQ4MA\_AQ42009\_05]

Multiply:

$$\frac{3}{5} \times 2$$

- A)  $\frac{5}{5}$
- B)  $\frac{6}{10}$
- C)  $\frac{5}{10}$
- D)  $\frac{6}{5}$

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Problem Solving: Fraction of a Whole - A

1. [AQ42010 AQ4MA\_AQ42010\_01]

Camryn had 12 peanuts and ate  $\frac{1}{3}$  of them. How many peanuts did she eat?

Simplify your answer.

A) 6

B) 3

C) 2

 D) 4

2. [AQ42010 AQ4MA\_AQ42010\_02]

Karson read 10 books. If  $\frac{1}{2}$  of the books were science books, how many science books did Carson read?

Simplify your answer.

A) 4

 B) 5

C) 6

D) 2

3. [AQ42010 AQ4MA\_AQ42010\_03]

Camilo bought 3 bags of grapes. If each bag weighed  $\frac{3}{4}$  of a pound, how many pounds of grapes did Camilo buy in all?

Simplify your answer.

 A)  $2\frac{1}{4}$  lb
B)  $1\frac{1}{2}$  lb

C) 2 lb

D) 1 lb

4. [AQ42010 AQ4MA\_AQ42010\_04]

Landry was baking 3 pies. If each pie needed  $\frac{1}{3}$  of a pound of cherries, how many pounds of cherries did Landry need in all?

Simplify your answer.

A) 6 lb

B) 4 lb

 C) 1 lb

D) 2 lb

5. [AQ42010 AQ4MA\_AQ42010\_05]

Evan ran  $\frac{2}{3}$  of a mile each day for 3 days. How many miles did

he run in all?

Simplify your answer.

- A) 5 mi
- B) 2 mi
- C) 6 mi
- D) 3 mi

## Questions and Responses



### Activity Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Problem Solving: Fraction of a Whole - B

1. [AQ42011 AQ4MA\_AQ42011\_01]

Aaron uses  $\frac{1}{3}$  of a yard of string to make a friendship bracelet. If he makes 6 bracelets, how much string will Aaron need in all? Simplify your answer.

- A) 6 yd
- B) 2 yd
- C) 3 yd
- D) 9 yd

2. [AQ42011 AQ4MA\_AQ42011\_02]

Sabrina ordered a pizza cut into 8 slices. If she eats  $\frac{1}{4}$  of the pizza, how many pieces will Sabrina eat? Simplify your answer.

- A) 8
- B) 6
- C) 4
- D) 2

3. [AQ42011 AQ4MA\_AQ42011\_03]

Emilio spent 2 hours studying for a test. If Jessica spent  $\frac{1}{2}$  as much time studying for the test, how many hours did Jessica study? Simplify your answer.

- A) 2 hr
- B)  $2\frac{1}{2}$  hr
- C) 1 hr
- D)  $1\frac{1}{2}$  hr

4. [AQ42011 AQ4MA\_AQ42011\_04]

Kim planted seeds in her garden. If the garden was made up of 9 rows, and  $\frac{1}{3}$  of the rows were planted with tomato seeds, how many rows will grow tomatoes? Simplify your answer.

- A) 12
- B) 9
- C) 6
- D) 3

5. [AQ42011 AQ4MA\_AQ42011\_05]

Brandon had a collection of 15 hats. If  $\frac{2}{3}$  of the hats were baseball hats, how many baseball hats did Brandon have? Simplify your answer.

- A) 10
- B) 8
- C) 13
- D) 5

## Questions and Responses



### Lesson Quiz

Date: 3/8/2021

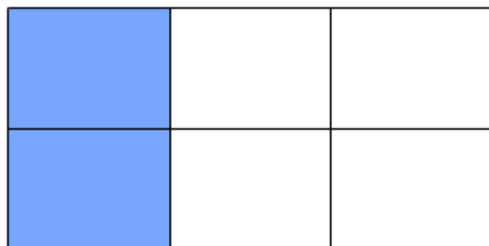
Subject: Math

Level: 4

Lesson: Multiply Fractions #(10621)

1. [MA4AD15 HSLQ\_MA4AD15\_A]

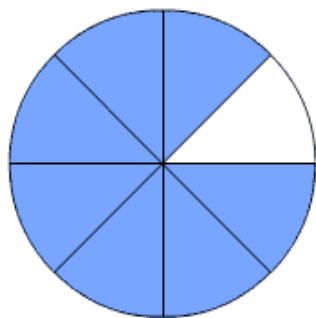
Which multiplication equation represents this model?



- A)  $1 \times \frac{1}{6} = \frac{2}{12}$
- B)  $2 \times \frac{1}{6} = \frac{2}{12}$
- C)  $2 \times \frac{1}{6} = \frac{2}{6}$
- D)  $1 \times \frac{1}{6} = \frac{2}{6}$

2. [MA4AD15 HSLQ\_MA4AD15\_B]

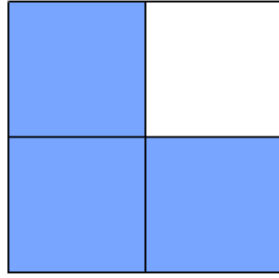
Which multiplication equation represents this model?



- A)  $7 \times \frac{1}{8} = \frac{8}{15}$
- B)  $7 \times \frac{1}{8} = \frac{7}{15}$
- C)  $7 \times \frac{1}{8} = \frac{8}{8}$
- D)  $7 \times \frac{1}{8} = \frac{7}{8}$

3. [MA4AD15 HSLQ\_MA4AD15\_C]

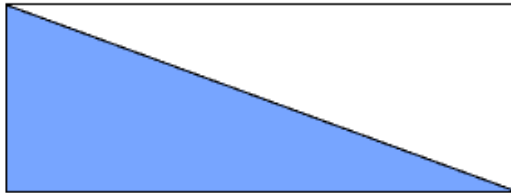
Which multiplication equation represents this model?



- A)  $3 \times \frac{1}{4} = \frac{3}{4}$
- B)  $3 \times \frac{3}{4} = \frac{9}{4}$
- C)  $1 \times \frac{1}{4} = \frac{2}{4}$
- D)  $1 \times \frac{1}{4} = \frac{3}{4}$

4. [MA4AD15 HSLQ\_MA4AD15\_D]

Which multiplication equation represents this model?



- A)  $2 \times \frac{1}{2} = \frac{1}{2}$
- B)  $1 \times \frac{1}{2} = \frac{1}{2}$
- C)  $1 \times \frac{1}{4} = \frac{1}{2}$
- D)  $2 \times \frac{1}{4} = \frac{2}{2}$

5. [MA4AD15 HSLQ\_MA4AD15\_E]

Which multiplication equation represents this model?



- A)  $2 \times \frac{2}{10} = \frac{2}{10}$
- B)  $2 \times \frac{1}{10} = \frac{2}{10}$
- C)  $1 \times \frac{1}{10} = \frac{2}{10}$
- D)  $1 \times \frac{2}{10} = \frac{1}{10}$

6. [MA4AD15 HSLQ\_MA4AD15\_F]

Multiply:

$$4 \times \frac{1}{10}$$

- A)  $\frac{5}{10}$
- B)  $\frac{4}{40}$
- C)  $\frac{4}{10}$
- D)  $\frac{5}{14}$

7. [MA4AD15 HSLQ\_MA4AD15\_G]

Multiply:

$$\frac{1}{4} \times 2$$

- A)  $\frac{3}{4}$
- B)  $\frac{2}{4}$
- C)  $\frac{2}{6}$
- D)  $\frac{3}{6}$

8. [MA4AD15 HSLQ\_MA4AD15\_H]

Multiply:

$$\frac{1}{3} \times 5$$

- A)  $\frac{5}{15}$
- B)  $\frac{5}{8}$
- C)  $\frac{6}{3}$
- D)  $\frac{5}{3}$

9. [MA4AD15 HSLQ\_MA4AD15\_I]

Multiply:

$$6 \times \frac{1}{8}$$

- A)  $\frac{6}{8}$
- B)  $\frac{7}{8}$
- C)  $\frac{6}{14}$
- D)  $\frac{8}{14}$

10. [MA4AD15 HSLQ\_MA4AD15\_J]

Multiply:

$$\frac{2}{3} \times 3$$

- A)  $\frac{6}{9}$
- B)  $\frac{6}{3}$
- C)  $\frac{5}{3}$
- D)  $\frac{5}{6}$

11. [MA4AD15 HSLQ\_MA4AD15\_K]

Samuel cut 5 pieces of yarn. If each piece was  $\frac{1}{4}$  of a yard long, how many yards did Samuel cut in all?

Simplify your answer.

- A)  $1\frac{1}{4}$  yd
- B)  $2\frac{1}{2}$  yd
- C)  $\frac{4}{4}$  yd
- D) 1 yd

12. [MA4AD15 HSLQ\_MA4AD15\_L]

Annie had 12 bracelets. If  $\frac{1}{4}$  of her bracelets were blue, how many blue bracelets did she have?

Simplify your answer.

- A) 4
- B) 3
- C) 6
- D) 2

13. [MA4AD15 HSLQ\_MA4AD15\_M]

Ms. Taylor watered her plant with  $\frac{3}{4}$  of a cup of water each day. After 4 days, how much water did the plant get in all?

Simplify your answer.

- A) 3 c
- B) 4 c
- C)  $\frac{3}{4}$  c
- D)  $1\frac{1}{2}$  c

14. [MA4AD15 HSLQ\_MA4AD15\_N]

Jin rode his bike  $\frac{2}{3}$  of a mile each day for 3 days. How many miles did he bike in all?

Simplify your answer.

- A) 5 mi

- B) 6 mi  
 C) 3 mi  
 D) 2 mi

15. [MA4AD15 HSLQ\_MA4AD15\_O]

If Laura reads  $\frac{1}{4}$  of a book each day for 2 days, how much of the book will she have read?

Simplify your answer.

- A)  $\frac{3}{4}$   
 B)  $\frac{1}{4}$   
 C)  $\frac{1}{2}$   
 D)  $\frac{2}{3}$

16. [MA4AD15 HSLQ\_MA4AD15\_P]

Garret wrote a story using 6 pages of paper. If Jesus's story was

$\frac{1}{3}$  as long as Garret's, how many pages did Jesus use?

Simplify your answer.

- A) 1  
 B) 6  
 C) 3  
 D) 2

17. [MA4AD15 HSLQ\_MA4AD15\_Q]

Jared baked 20 cookies. If  $\frac{1}{5}$  of the cookies burned, how many cookies burned?

Simplify your answer.

- A) 4  
 B) 5  
 C) 10  
 D) 15

18. [MA4AD15 HSLQ\_MA4AD15\_R]

Yalda planted 6 rows of seeds in her garden. If  $\frac{1}{3}$  of the rows were planted with cucumber seeds, how many rows should grow cucumbers?

Simplify your answer.

- A) 1  
 B) 6  
 C) 3  
 D) 2

19. [MA4AD15 HSLQ\_MA4AD15\_S]

Mia swam 8 laps. If each lap was  $\frac{1}{6}$  of a mile long, how many miles did she swim in all?

Simplify your answer.

- A)  $1\frac{1}{6}$  mi  
 B)



$$1\frac{1}{3} \text{ mi}$$

C) 1 mi

D) 2 mi

20. [MA4AD15 HSLQ\_MA4AD15\_T]

A lemonade recipe called for  $\frac{1}{2}$  cup of sugar. If Carlos makes 4 batches of lemonade, how many cups of sugar will he need?

Simplify your answer.

A) 1 c

B) 4 c



C) 2 c

D) 3 c

## Questions and Responses

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### Lesson Quiz

Date: 3/17/2021

Subject: Math

Level: 4

Lesson: Compare and Order Fractions #(3477)

1. [MA4AD04 D] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
2. [MA4AD04 A] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
3. [MA4AD04 B] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
4. [MA4AD04 C] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
5. [MA4AD04 E] Find the true statement.  
 A) The fraction with the greater denominator is the greater fraction.  
 B) The fraction with the greater numerator is the greater fraction.  
 C) When two fractions have equal denominators, the fraction with the greater numerator is the greater fraction.  
 D) When two fractions have equal numerators, the fraction with the greater denominator is the greater fraction.
6. [MA4AD04 F] Find the true statement. [View Image](#)  
 A) If a fraction's numerator is increased, then the value of the fraction is increased.  
 B) If a fraction's denominator is increased, then the value of the fraction is increased.  
 C) If a fraction's denominator is increased, then the value of the fraction is decreased.  
 D) none of the above
7. [MA4AD04 G] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
8. [MA4AD04 H] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
9. [MA4AD04 I] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
10. [MA4AD04 J] Compare. Choose the correct symbol. [View Image](#)  
 A) <  
 B) >  
 C) =
11. [MA4AD04 K] Order the fractions from least to greatest. [View Image](#)  
 A)  $\frac{3}{5}$ ,  $\frac{3}{7}$ ,  $\frac{3}{4}$   
 B)  $\frac{3}{7}$ ,  $\frac{3}{5}$ ,  $\frac{3}{4}$   
 C)  $\frac{3}{4}$ ,  $\frac{3}{7}$ ,  $\frac{3}{5}$   
 D)  $\frac{3}{7}$ ,  $\frac{3}{4}$ ,  $\frac{3}{5}$
12. [MA4AD04 L] Order the fractions from least to greatest. [View Image](#)  
 A)  $\frac{5}{8}$ ,  $\frac{2}{8}$ ,  $\frac{1}{8}$   
 B)  $\frac{1}{8}$ ,  $\frac{5}{8}$ ,  $\frac{2}{8}$

8.  $\frac{8}{8}$   $\frac{8}{8}$   $\frac{8}{8}$
- C)  $\frac{1}{8}$ ,  $\frac{2}{8}$ ,  $\frac{5}{8}$
- D)  $\frac{2}{8}$ ,  $\frac{1}{8}$ ,  $\frac{5}{8}$
13. [MA4AD04 M] Order the fractions from least to greatest. [View Image](#)
- A)  $\frac{5}{9}$ ,  $\frac{5}{7}$ ,  $\frac{5}{5}$
- B)  $\frac{5}{5}$ ,  $\frac{5}{7}$ ,  $\frac{5}{9}$
- C)  $\frac{5}{7}$ ,  $\frac{5}{5}$ ,  $\frac{5}{9}$
- D)  $\frac{5}{9}$ ,  $\frac{5}{5}$ ,  $\frac{5}{7}$
14. [MA4AD04 N] Choose the greatest fraction.
- A)  $\frac{1}{2}$
- B)  $\frac{1}{3}$
- C)  $\frac{1}{4}$
- D)  $\frac{1}{5}$
15. [MA4AD04 O] Choose the greatest fraction.
- A)  $\frac{2}{7}$
- B)  $\frac{2}{5}$
- C)  $\frac{2}{8}$
- D)  $\frac{2}{4}$
16. [MA4AD04 P] Choose the least fraction.
- A)  $\frac{3}{4}$
- B)  $\frac{2}{6}$
- C)  $\frac{1}{2}$
- D)  $\frac{4}{5}$
17. [MA4AD04 Q] Choose the least fraction.
- A)  $\frac{6}{7}$
- B)  $\frac{2}{3}$
- C)  $\frac{1}{9}$
- D)  $\frac{1}{2}$
18. [MA4AD04 R] Tom read  $\frac{3}{4}$  of a book. Sarah read  $\frac{2}{3}$  of the same book. Which student read more?
- A) Tom
- B) Sarah
- C) Both students read the same amount.
19. [MA4AD04 S] Todd swam  $\frac{2}{8}$  of a mile. Jerry swam  $\frac{5}{6}$  of a mile. Which boy swam further?
- A) Todd
- B) Jerry
- C) Both boys swam the same distance.
20. [MA4AD04 T] Lisa ran  $\frac{1}{2}$  of a mile. Jan ran  $\frac{3}{6}$  of a mile. Which girl ran further?
- A) Lisa
- B) Jan
- C) Both girls ran the same distance.

## Questions and Responses

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### Lesson Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Lesson: Decimals as Fractions #(3482)

1. [MA4AD09 A] Name the decimal that is represented by the shaded part. [View Image](#)  
 A) 0.7  
 B) 0.3  
 C) 0.10  
 D) 0.07
2. [MA4AD09 B] Name the decimal that is represented by the shaded part. [View Image](#)  
 B) 0.2  
 C) 0.10  
 D) 0.02
3. [MA4AD09 C] Name the mixed decimal that is represented by the shaded part. [View Image](#)  
 C) 1.89  
 D) 0.189
4. [MA4AD09 D] Name the decimal that is represented by the shaded part. [View Image](#)  
 A) 0.39  
 B) 0.039  
 C) 3.9  
 D) 0.4
5. [MA4AD09 E] Name the decimal that is represented by the shaded part. [View Image](#)  
 A) 0.91  
 B) 9.1  
 C) 0.091  
 D) 91
6. [MA4AD09 F] Name the decimal that is represented by the shaded part. [View Image](#)  
 B) 0.16  
 C) 16  
 D) 0.016
7. [MA4AD09 G] Name the mixed decimal that is represented by the shaded part. [View Image](#)  
 D) 3.4
8. [MA4AD09 H] Name the mixed decimal that is represented by the shaded part. [View Image](#)  
 C) 1.35  
 D) 1.035
9. [MA4AD09 I] Name the fraction as a decimal. [View Image](#)  
 B) 0.9  
 C) 0.09  
 D) 9
10. [MA4AD09 J] Name the fraction as a decimal. [View Image](#)  
 D) 0.1
11. [MA4AD09 K] Name the fraction as a decimal. [View Image](#)  
 B) 0.45  
 C) 45.0  
 D) 0.045
12. [MA4AD09 L] Name the fraction as a decimal. [View Image](#)  
 C) 0.24  
 D) 0.024
13. [MA4AD09 M] Name the mixed fraction as a mixed decimal. [View Image](#)

- A) 6.5  
B) 0.65  
C) 6.510  
D) 6.05
14. [MA4AD09 N] Name the mixed fraction as a mixed decimal. [View Image](#)
- A) 2.5  
B) 0.25  
C) 2.05  
D) 2.025
15. [MA4AD09 O] Name the mixed fraction as a mixed decimal. [View Image](#)
- A) 81.8  
B) 0.818  
C) 81.8  
 D) 8.18
16. [MA4AD09 P] Name the mixed fraction as a mixed decimal. [View Image](#)
- A) 0.363  
 B) 3.63  
C) 36.3  
D) 3.063
17. [MA4AD09 Q] Name the mixed decimal as a mixed fraction. [View Image](#)
- A) ...  $\frac{18}{100}$   
B)  $1 \frac{8}{100}$   
 C)  $1 \frac{8}{10}$   
D)  $18 \frac{1}{10}$
18. [MA4AD09 R] Name the mixed decimal as a mixed fraction. [View Image](#)
- A) ...  $\frac{69}{100}$   
B)  $6 \frac{9}{100}$   
 C)  $6 \frac{9}{10}$   
D)  $6 \frac{1}{9}$
19. [MA4AD09 S] Name the mixed decimal as a mixed fraction. [View Image](#)
- A)  $28 \frac{2}{10}$   
B)  $.2 \frac{8}{2}$   
C)  $.2 \frac{82}{10}$   
 D)  $.2 \frac{82}{100}$
20. [MA4AD09 T] Name the mixed decimal as a mixed fraction. [View Image](#)
- A)  $5 \frac{4}{100}$   
B)  $5 \frac{4}{10}$   
C)  $5 \frac{1}{4}$   
D)  $.54 \frac{1}{10}$

## Questions and Responses



### Lesson Quiz

Date: 3/8/2021

Subject: Math

Level: 4

Lesson: Add and Subtract Decimals #(3484)

1. [MA4AD10 A] Find the sum.

$$\begin{array}{r} + 0.4 \\ + 0.3 \\ \hline \end{array}$$

- A) 0.7  
 B) 0.07  
 C) 7.0  
 D) 0.8

2. [MA4AD10 B] Find the sum.

$$\begin{array}{r} + 0.47 \\ + 0.32 \\ \hline \end{array}$$

- B) 0.79  
 C) 0.079  
 D) 1.79

3. [MA4AD10 C] Find the sum.

$$\begin{array}{r} + 1.5 \\ + 3.9 \\ \hline \end{array}$$

- C) 5.4  
 D) 0.54

4. [MA4AD10 D] Find the sum.

$$\begin{array}{r} + 1.25 \\ + 3.75 \\ \hline \end{array}$$

- C) 5.25  
 D) 5

5. [MA4AD10 E] Find the sum.

$$\begin{array}{r} + 3.48 \\ + 8.29 \\ \hline \end{array}$$

- A) 11.77  
 B) 1.177  
 C) 11.617  
 D) 12.07

6. [MA4AD10 F] Find the difference.

$$\begin{array}{r} - 0.4 \\ - 0.3 \\ \hline \end{array}$$

- B) 0.1  
 C) 0.01  
 D) 1.0

7. [MA4AD10 G] Find the difference.

$$\begin{array}{r} - 0.76 \\ - 0.39 \\ \hline \end{array}$$

- C) 0.37  
 D) 0.043

8. [MA4AD10 H] Find the difference.

$$\begin{array}{r} - 3.25 \\ - 1.31 \\ \hline \end{array}$$

- D) 1.94

9. [MA4AD10 I] Find the difference.
- $$\begin{array}{r} - 8.05 \\ - 6.46 \\ \hline \end{array}$$
- A) 1.59  
 B) 2.42  
 C) 2.59  
 D) 1.42
10. [MA4AD10 J] Find the difference.
- $$\begin{array}{r} - 1.89 \\ - 0.97 \\ \hline \end{array}$$
- B) 0.92  
 C) 9.1  
 D) 0.82
11. [MA4AD10 K] Find the difference.
- $$\begin{array}{r} - 3.5 \\ - 1.31 \\ \hline \end{array}$$
- C) 2.19  
 D) 1.21
12. [MA4AD10 L] Find the difference.
- $$\begin{array}{r} - 5 \\ - 2.5 \\ \hline \end{array}$$
- D) 2.5
13. [MA4AD10 M] Find the sum.
- $$\begin{array}{r} + 7.04 \\ + 0.9 \\ \hline \end{array}$$
- A) 7.94  
 B) 7.13  
 C) 16.04  
 D) 6.95
14. [MA4AD10 N] Find the sum.
- $$\begin{array}{r} + 0.54 \\ + 0.5 \\ \hline \end{array}$$
- B) 1.04  
 C) 10.4  
 D) 0.104
15. [MA4AD10 O] Find the sum.
- $$\begin{array}{r} + 6.8 \\ + 0.74 \\ \hline \end{array}$$
- C) 7.54  
 D) 7.64
16. [MA4AD10 P] Terry bought 0.54 pounds of turkey and 0.75 pounds of ham. How much deli meat did he buy?
- D) 1.29 pounds
17. [MA4AD10 Q] Ann swam 0.75 miles, and Mark swam 0.68 miles. How much farther did Ann swim?
- B) 0.07 miles
18. [MA4AD10 R] Martha needs 1.25 cups of flour. She has 0.75 cups. How much more flour does Martha need?
- D) both a and b  
 E) both b and c

19. [MA4AD10 S] On a trip, the Smith family traveled 50.27 miles in one day and 75.13 miles on the next day. How many miles did they travel in all?
- A) 124.40 miles
  - B) 125.40 miles
  - C) 125.4 miles
  - D) both a and b
  - E) both b and c
20. [MA4AD10 T] Sarah's family must travel 203.3 miles to get to Florida. They have already traveled 50.75 miles. How many miles do they have left?
- A) 253.45 miles
  - B) 152.65 miles
  - C) 152.55 miles
  - D) 252.65 miles

**Questions and Responses**

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**Chapter Test**

Date: 3/8/2021

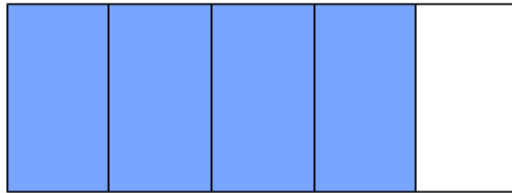
Subject: Math

Level: 4

Chapter: Fractions and Decimals #(601)

1. [MA4AD HSCT\_MA4AD\_01A]

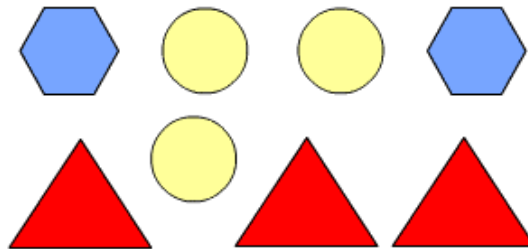
What fractional part is shaded blue?



- A)  $\frac{4}{5}$
- B)  $\frac{1}{4}$
- C)  $\frac{1}{5}$
- D)  $\frac{5}{4}$

2. [MA4AD HSCT\_MA4AD\_02A]

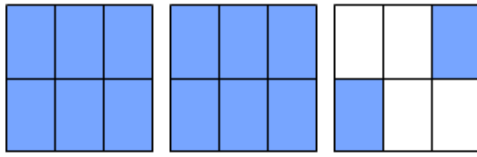
Which fraction describes the triangles?



- A)  $\frac{3}{5}$
- B)  $\frac{5}{8}$
- C)  $\frac{3}{8}$
- D)  $\frac{3}{6}$

3. [MA4AD HSCT\_MA4AD\_03A]

Choose the improper fraction that describes the shaded parts.



- A)  $\frac{4}{6}$
- B)  $\frac{6}{6}$
- C)  $\frac{14}{6}$
- D)  $\frac{14}{18}$

4. [MA4AD HSCT\_MA4AD\_04A]

Find the equivalent fraction.

$$\frac{2}{9} =$$

- A)  $\frac{1}{3}$
- B)  $\frac{4}{9}$
- C)  $\frac{4}{18}$
- D) both A and B

5. [MA4AD HSCT\_MA4AD\_05A]

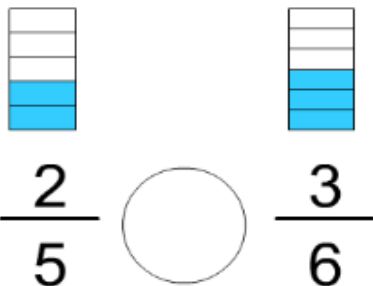
Find the whole number equal to the fraction shown.

$$\frac{6}{3}$$

- A) 6
- B) 2
- C) 3
- D) 1

6. [MA4AD HSCT\_MA4AD\_06A]

Compare. Choose the correct symbol.



- A) <
- B) >
- C) =

7. [MA4AD HSCT\_MA4AD\_07A]

Order the fractions from least to greatest.

$$\frac{2}{7} \quad \frac{2}{9} \quad \frac{2}{5}$$

- A)  $\frac{2}{9}, \frac{2}{7}, \frac{2}{5}$
- B)  $\frac{2}{7}, \frac{2}{9}, \frac{2}{5}$
- C)  $\frac{2}{5}, \frac{2}{7}, \frac{2}{9}$
- D)  $\frac{2}{9}, \frac{2}{5}, \frac{2}{7}$

8. [MA4AD HSCT\_MA4AD\_08A]

Find the sum of the fractions.

$$\frac{6}{10} + \frac{3}{10} =$$

- A)  $\frac{3}{10}$
- B)  $\frac{9}{20}$
- C)  $\frac{9}{10}$
- D)  $\frac{3}{5}$

9. [MA4AD HSCT\_MA4AD\_09A]

Find the difference of the fractions. Simplify your answer.

$$\frac{5}{6} - \frac{3}{6} =$$

- A)  $\frac{2}{6}$
- B)  $\frac{8}{12}$
- C)  $\frac{2}{3}$
- D)  $\frac{1}{3}$

10. [MA4AD HSCT\_MA4AD\_10A]

Find the sum of the mixed numbers. Simplify your answer.

$$1\frac{7}{9} + 4\frac{3}{9} =$$

- A)

- $6\frac{1}{9}$   
 B)  $5\frac{1}{9}$   
 C)  $5\frac{10}{9}$   
 D)  $5\frac{10}{18}$

11. [MA4AD HSCT\_MA4AD\_11A]

Find the difference of the mixed numbers.

$$4\frac{7}{8} - 2\frac{2}{8} =$$

- A)  $2\frac{5}{8}$   
 B)  $\frac{2}{5}$   
 C)  $\frac{5}{8}$   
 D)  $6\frac{7}{8}$

12. [MA4AD HSCT\_MA4AD\_12A]

Find the sum of the fractions. Simplify your answer.

$$\frac{3}{4} + \frac{3}{5} =$$

- A)  $\frac{6}{20}$   
 B)  $1\frac{7}{20}$   
 C)  $\frac{6}{9}$   
 D)  $\frac{27}{20}$

13. [MA4AD HSCT\_MA4AD\_13A]

John's recipe requires  $\frac{2}{3}$  of a cup of flour. John has  $\frac{1}{2}$  of a cup of flour. How much more flour does John need?

- A)  $\frac{1}{1}$   
 B)  $\frac{1}{6}$   
 C)  $\frac{1}{3}$   
 D)  $\frac{1}{4}$

14. [MA4AD HSCT\_MA4AD\_14A]

Multiply.

$$2 \times \frac{1}{3}$$

- A)  $\frac{3}{5}$
- B)  $\frac{3}{3}$
- C)  $\frac{2}{3}$
- D)  $\frac{2}{6}$

15. [MA4AD HSCT\_MA4AD\_15A]

Complete the number sentence with the correct symbol.

$$0.05 \text{ \_\_\_ } 0.5$$

- A) <
- B) >
- C) +

16. [MA4AD HSCT\_MA4AD\_16A]

Order the decimals from least to greatest.

0.81, 0.18, 0.8

- A) 0.81, 0.18, 0.8
- B) 0.18, 0.81, 0.8
- C) 0.8, 0.18, 0.81
- D) 0.18, 0.8, 0.81

17. [MA4AD HSCT\_MA4AD\_17A]

Which decimal describes the fraction below?

$$\frac{9}{100}$$

- A) 9.0
- B) 0.09
- C) 0.9
- D) 9

18. [MA4AD HSCT\_MA4AD\_18A]

Find the sum.

$$\begin{array}{r} 0.64 \\ + 0.39 \\ \hline \end{array}$$

- A) 0.103
- B) 1.03
- C) 0.913
- D) 9.13

19. [MA4AD HSCT\_MA4AD\_19A]

Find the difference.

$$\begin{array}{r} 0.8 \\ - 0.33 \\ \hline \end{array}$$

- A) 0.53
- B) 0.57
- C) 1.13
- D) 0.47

20. [MA4AD HSCT\_MA4AD\_20A]

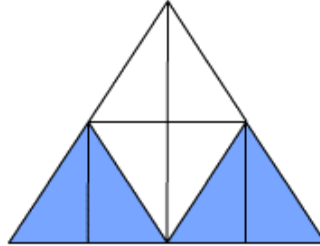
Find the least common denominator of the fractions.

$$\frac{4}{7} \text{ and } \frac{2}{3}$$

- A) 21
- B) 7
- C) 3
- D) 10

21. [MA4AD HSCT\_MA4AD\_01B]

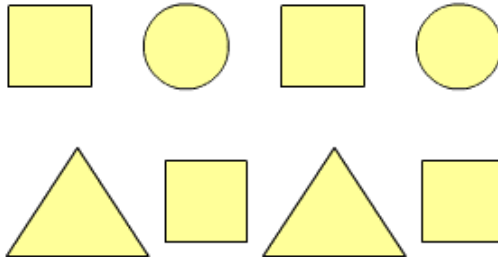
What fractional part is shaded blue?



- A)  $\frac{4}{4}$
- B)  $\frac{4}{8}$
- C)  $\frac{8}{8}$
- D)  $\frac{2}{5}$

22. [MA4AD HSCT\_MA4AD\_02B]

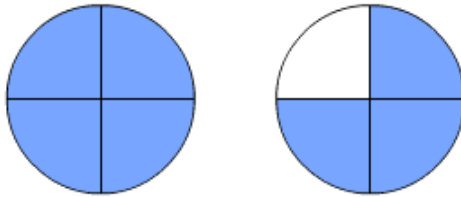
Which fraction describes the squares?



- A)  $\frac{2}{8}$
- B)  $\frac{4}{8}$
- C)  $\frac{2}{6}$
- D)  $\frac{4}{9}$

23. [MA4AD HSCT\_MA4AD\_03B]

Choose the improper fraction that describes the shaded parts.



- A)  $\frac{4}{4}$
- B)  $\frac{7}{4}$
- C)  $\frac{7}{8}$
- D)  $\frac{13}{4}$

24. [MA4AD HSCT\_MA4AD\_04B]

Find the equivalent fraction.

$$\frac{2}{6} =$$

- A)  $\frac{4}{12}$
- B)  $\frac{1}{4}$
- C)  $\frac{6}{16}$
- D) both A and C

25. [MA4AD HSCT\_MA4AD\_05B]

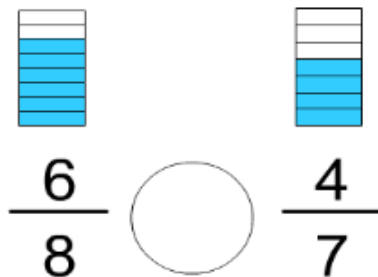
Find the whole number equal to the fraction shown.

$$\frac{15}{3}$$

- A) 12
- B) 5
- C) 3
- D) 15

26. [MA4AD HSCT\_MA4AD\_06B]

Compare. Choose the correct symbol.



- A) <
- B) >
- C) =

27. [MA4AD HSCT\_MA4AD\_07B]

Order the fractions from least to greatest.

$$\frac{3}{3} \quad \frac{3}{7} \quad \frac{3}{9}$$

- A)  $\frac{3}{9}, \frac{3}{7}, \frac{3}{3}$
- B)  $\frac{3}{3}, \frac{3}{7}, \frac{3}{9}$
- C)  $\frac{3}{3}, \frac{3}{9}, \frac{3}{7}$
- D)  $\frac{3}{7}, \frac{3}{3}, \frac{3}{9}$

28. [MA4AD HSCT\_MA4AD\_08B]

Find the sum of the fractions.

$$\frac{4}{8} + \frac{1}{8} =$$

- A)  $\frac{5}{16}$
- B)  $\frac{5}{16}$
- C)  $\frac{3}{8}$
- D)  $\frac{5}{8}$

29. [MA4AD HSCT\_MA4AD\_09B]

Find the difference of the fractions. Simplify your answer.

$$\frac{6}{8} - \frac{2}{8} =$$

- A)  $\frac{8}{8}$
- B)  $\frac{1}{2}$
- C)  $\frac{4}{16}$
- D)  $\frac{4}{8}$

30. [MA4AD HSCT\_MA4AD\_10B]

Find the sum of the mixed numbers. Simplify your answer.

$$4\frac{4}{10} + 1\frac{6}{10} =$$

- A)  $5\frac{10}{10}$

- B) 6  
 C)  $5\frac{10}{20}$   
 D) 7
31. [MA4AD HSCT\_MA4AD\_11B]

Find the difference of the mixed numbers.

$$6\frac{7}{9} - 6\frac{3}{9} =$$

- A)  $\frac{4}{18}$   
 B)  $6\frac{4}{9}$   
 C)  $\frac{4}{9}$   
 D)  $\frac{2}{9}$
32. [MA4AD HSCT\_MA4AD\_12B]

Find the difference of the fractions. Simplify your answer.

$$\frac{8}{8} - \frac{3}{4} =$$

- A)  $\frac{1}{4}$   
 B)  $\frac{5}{4}$   
 C)  $1\frac{1}{4}$   
 D)  $\frac{1}{8}$
33. [MA4AD HSCT\_MA4AD\_13B]

Mary ran  $\frac{3}{8}$  of a mile. Tina ran  $\frac{1}{3}$  of a mile. How many miles did the girls run all together?

- A)  $\frac{4}{11}$   
 B)  $\frac{2}{5}$   
 C)  $\frac{5}{12}$   
 D)  $\frac{17}{24}$
34. [MA4AD HSCT\_MA4AD\_14B]

Multiply.

$$3 \times \frac{1}{5}$$

- A)  $\frac{3}{5}$
- B)  $\frac{4}{5}$
- C)  $\frac{4}{8}$
- D)  $\frac{3}{8}$

35. [MA4AD HSCT\_MA4AD\_15B]

Complete the number sentence with the correct symbol.

$$0.45 \text{ \_\_\_ } 0.4$$

- A) <
- B) >
- C) =

36. [MA4AD HSCT\_MA4AD\_16B]

Order the decimals from least to greatest.

$$0.71, 0.07, 0.7$$

- A) 0.07, 0.7, 0.71
- B) 0.7, 0.71, 0.07
- C) 0.71, 0.07, 0.7
- D) 0.07, 0.71, 0.7

37. [MA4AD HSCT\_MA4AD\_17B]

Which decimal describes the fraction below?

$$\frac{41}{100}$$

- A) 4.1
- B) 0.41
- C) 0.041
- D) 41

38. [MA4AD HSCT\_MA4AD\_18B]

Find the sum.

$$\begin{array}{r} 0.64 \\ + 0.3 \\ \hline \end{array}$$

- A) 0.94
- B) 0.364
- C) 3.64
- D) 0.094

39. [MA4AD HSCT\_MA4AD\_19B]

Find the difference.

$$\begin{array}{r} 2.8 \\ - 0.79 \\ \hline \end{array}$$

- A) 2.1
- B) 2.01
- C) 2.19
- D) 1.01

40. [MA4AD HSCT\_MA4AD\_20B]

Find the least common denominator of the fractions.

$$\frac{5}{6} \text{ and } \frac{1}{2}$$

- A) 2
- B) 12
- C) 3
- D) 6

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Count Money and Make Change #(3485)

1. [MA4AE01 A] Count the money, and choose the correct amount. [View Image](#)  
 A) \$30.64  
 B) \$30.59  
 C) \$25.64  
 D) \$25.59
2. [MA4AE01 B] Count the money, and choose the correct amount. [View Image](#)  
 A) \$12.30  
 B) \$15.22  
 C) \$30.70  
 D) \$3.12
3. [MA4AE01 C] Count the money, and choose the correct amount. [View Image](#)  
 A) \$12.30  
 B) \$20.12  
 C) \$3.60  
 D) \$7.70
4. [MA4AE01 D] Count the money, and choose the correct amount. [View Image](#)  
 A) \$62.22  
 B) \$62.30  
 C) \$32.22  
 D) \$32.30
5. [MA4AE01 E] Count the money, and choose the correct amount. [View Image](#)  
 A) \$82.42  
 B) \$82.47  
 C) \$72.42  
 D) \$72.47
6. [MA4AE01 F] Find the equivalent value.  
**2 twenty-dollar bills = \_\_\_\_\_ five-dollar bills**  
 A) 2  
 B) 6  
 C) 8  
 D) 12
7. [MA4AE01 G] Find the equivalent value.  
**1 fifty-dollar bill = \_\_\_\_\_ ten-dollar bills**  
 A) 2  
 B) 5  
 C) 10  
 D) 12
8. [MA4AE01 H] Find the equivalent value.  
**25 pennies = \_\_\_\_\_ nickels**  
 A) 3  
 B) 4  
 C) 5  
 D) 6
9. [MA4AE01 I] Find the equivalent value.  
**8 nickels = \_\_\_\_\_ dimes**  
 A) 2  
 B) 3  
 C) 4  
 D) 5
10. [MA4AE01 J] Find the equivalent value.  
**5 twenty-dollar bills = \_\_\_\_\_ fifty-dollar bills**  
 A) 2  
 B) 3  
 C) 4  
 D) 5
11. [MA4AE01 K] Max has \$25.41 in his pocket. Which combination of coins and bills does he have in his pocket?  
 A) 2 ten-dollar bills, 1 five-dollar bill, 1 quarter, 2 dimes, and 1 penny

- B) 1 ten-dollar bill, 2 five-dollar bills, 3 dimes, 2 nickels, and 1 penny  
 C) 1 twenty-dollar bill, 1 five-dollar bill, 1 quarter, 1 dime, 1 nickel, and 1 penny  
D) either A or C
12. [MA4AE01 L] Joel has \$38.68 in his pocket. Which combination of coins and bills does he have in his pocket?  
A) 3 ten-dollar bills, 1 five-dollar bill, 3 one-dollar bills, 2 quarters, 1 dime, 1 nickel, and 3 pennies  
B) 1 twenty-dollar bill, 1 ten-dollar bill, 8 one-dollar bills, 6 dimes, and 8 pennies  
C) 1 twenty-dollar bill, 2 five-dollar bills, 3 one-dollar bills, 2 quarters, 2 nickels, and 3 pennies  
 D) either A or B
13. [MA4AE01 M] Erika has \$48.75 in her pocket. Which combination of coins and bills does she have in her pocket?  
A) 3 ten-dollar bills, 2 five-dollar bills, 3 one-dollar bills, 2 quarters, 2 dimes, and 1 nickel  
 B) 2 twenty-dollar bills, 8 one-dollar bills, and 3 quarters  
C) 4 ten-dollar bills, 1 five-dollar bill, 3 one-dollar bills, 2 quarters, and 3 nickels  
D) either B or C
14. [MA4AE01 N] Julie has \$64.85 in her pocket. Which combination of coins and bills does she have in her pocket?  
 A) 3 twenty-dollar bills, 4 one-dollar bills, 8 dimes, and 1 nickel  
B) 1 fifty-dollar bill, 1 ten-dollar bill, 4 one-dollar bills, 2 quarters, 2 dimes, and 1 nickel  
C) 2 twenty-dollar bills, 2 five-dollar bills, 4 one-dollar bills, 3 quarters, and 1 nickel  
D) either A or B
15. [MA4AE01 O] Keira has \$84.22 in her pocket. Which combination of coins and bills does she have in her pocket?  
A) 4 twenty-dollar bills, 4 one-dollar bills, 2 dimes, and 2 pennies  
B) 1 fifty-dollar bill, 2 twenty-dollar bills, 1 dime, 1 nickel, and 2 pennies  
C) 1 fifty-dollar bill, 3 ten-dollar bills, 4 one-dollar bills, 1 dime, 2 nickels, and 2 pennies  
 D) either A or C
16. [MA4AE01 P] Diana bought a toy for \$13.75. If she paid with a twenty-dollar bill, how much change did she receive?  
A) \$7.25  
B) \$6.35  
 C) \$6.25
17. [MA4AE01 Q] Greg bought a pair of shoes for \$29.38. If he paid with a fifty-dollar bill, how much change did he receive?  
 A) \$20.62  
B) \$21.72  
C) \$30.62
18. [MA4AE01 R] Kelly bought a dress for \$36.85. If she paid with a fifty-dollar bill, how much change did she receive?  
A) \$24.25  
 B) \$13.15  
C) \$14.25
19. [MA4AE01 S] Luke bought a CD player for \$75.30. If he paid with a hundred-dollar bill, how much change did he receive?  
 A) \$24.70  
B) \$25.70  
C) \$35.70
20. [MA4AE01 T] Lucinda bought a video game for \$63.48. If she paid with a hundred-dollar bill, how much change did she receive?  
A) \$47.62  
 B) \$36.52  
C) \$37.52

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Add and Subtract Money #(3486)

1. [MA4AE02 A] Find the sum.

**\$18.35****+29.41**

A) \$37.76

B) \$11.14

 C) \$47.76

D) \$19.94

2. [MA4AE02 B] Find the sum.

**\$72.90****+23.48** A) \$96.38

B) \$49.42

C) \$59.52

D) \$95.38

3. [MA4AE02 C] Find the sum.

**\$47.18****+31.80** A) \$78.98

B) \$88.88

C) \$79.98

D) \$89.08

4. [MA4AE02 D] Find the sum.

**\$52.78****+30.29**

A) \$82.97

B) \$83.97

C) \$82.07

 D) \$83.07

5. [MA4AE02 E] Find the sum.

**\$20.45****+32.70**

A) \$52.15

 B) \$53.15

C) \$52.35

D) \$53.35

6. [MA4AE02 F] Find the difference.

**\$75.80****- 21.47**

A) \$54.43

B) \$43.33

 C) \$54.33

D) \$44.43

7. [MA4AE02 G] Find the difference.

**\$72.07****- 12.50**

A) \$60.57

B) \$60.43

C) \$59.43

 D) \$59.57

8. [MA4AE02 H] Find the difference.

**\$38.55****- 14.86**

A) \$23.69



- B) \$13.69
- C) \$23.71
- D) \$13.71

9. [MA4AE02 I] Find the difference.

**\$94.70**

**- 44.29**

- A) \$49.41
- B) \$49.59



- C) \$50.41
- D) \$50.59

10. [MA4AE02 J] Find the difference.

**\$40.08**

**- 22.33**

- A) \$28.75



- B) \$17.75
- C) \$28.65
- D) \$17.65

11. [MA4AE02 K] Jackie bought a dress for \$48.79. She gave the cashier a fifty-dollar bill. How much change should she receive?



- A) \$1.21
- B) \$2.21
- C) \$1.31
- D) \$2.31

12. [MA4AE02 L] Hector bought a CD player for \$74.55. He gave the cashier a hundred-dollar bill. How much change should he receive?

- A) \$25.55



- B) \$36.55
- C) \$25.45
- D) \$36.45

13. [MA4AE02 M] Renee bought a skateboard for \$58.30. She gave the cashier 2 fifty-dollar bills. How much change should she receive?

- A) \$52.60



- B) \$41.60
- C) \$52.70
- D) \$41.70

14. [MA4AE02 N] Michelle bought a shirt for \$22.50 and a sweater for \$39.99. What was the total price of her purchase?

- A) \$51.59



- B) \$62.59
- C) \$51.49
- D) \$62.49

15. [MA4AE02 O] Giovanni bought a video game for \$52.80 and a CD for \$18.58. What was the total price of his purchase?

- A) \$71.38



- B) \$60.38
- C) \$71.48
- D) \$60.48

16. [MA4AE02 P] Marcello bought a pair of shoes for \$47.90 and a tie for \$25.40. What was the total price of his purchase?

- A) \$62.30



- B) \$73.30
- C) \$63.30
- D) \$72.30

17. [MA4AE02 Q] Kyle bought a sweater and paid with a fifty-dollar bill. He received \$15.26 in change. What was the price of the sweater?

- A) \$45.74



- B) \$34.74
- C) \$45.84
- D) \$35.84

18. [MA4AE02 R] Anne bought a skirt and paid with a twenty-dollar bill. She received \$3.85 in change. What was the price of the skirt?

- A) \$17.25



- B) \$16.25
- C) \$16.15
- D) \$17.15

19. [MA4AE02 S] Liz buys a shirt for \$32.65 and a pair of shorts for \$19.50. She gives the cashier \$100.00. How much change will she receive?

- A) \$47.85



- B) \$58.85

- C) \$59.95  
D) \$58.95
20. [MA4AE02 T] Jack buys a shirt for \$22.75 and a pair of shorts for \$21.50. He gives the cashier \$50.00. How much change will he receive?
- A) \$6.85  
B) \$6.75  
C) \$7.85  
D) \$5.75



## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Multiply and Divide Money #(3487)

1. [MA4AE03 A] Number of Items: 6  
Price: \$42.00  
If the items are all the same price, what is the price of one item?  
 A) \$7.00  
 B) \$36.00  
 C) \$6.00  
 D) \$42.00
2. [MA4AE03 B] Number of Items: 4  
Price: \$52.00  
If the items are all the same price, what is the price of one item?  
 A) \$4.00  
 B) \$8.00  
 C) \$13.00  
 D) \$16.00
3. [MA4AE03 C] Price of 1 Item: \$18.00  
What is the price of 4 items?  
 A) \$18.00  
 B) \$24.00  
 C) \$42.00  
 D) \$72.00
4. [MA4AE03 D] Price of 1 Item: \$11.00  
What is the price of 7 items?  
 A) \$11.00  
 B) \$77.00  
 C) \$42.00  
 D) \$80.00
5. [MA4AE03 E] Leonard paid \$63.00 for 7 T-shirts.  
If the T-shirts are all the same price, what is the price of 1 T-shirt?  
 A) \$7.00  
 B) \$9.00  
 C) \$28.00  
 D) \$63.00
6. [MA4AE03 F] Marjorie paid \$72.00 for 6 CD's.  
If the CD's are all the same price, what is the price of 1 CD?  
 A) \$12.00  
 B) \$9.00  
 C) \$8.00  
 D) \$6.00
7. [MA4AE03 G] One video game costs \$18.00.  
What is the price of 5 video games?  
 A) \$60.00  
 B) \$75.00  
 C) \$90.00  
 D) \$115.00
8. [MA4AE03 H] One pair of socks costs \$3.00.  
What is the price of 15 pairs of socks?  
 A) \$5.00  
 B) \$15.00  
 C) \$30.00  
 D) \$45.00
9. [MA4AE03 I] Choose the option with the lowest unit price.  
 A) 4 for \$20.00  
 B) 8 for \$48.00  
 C) 2 for \$16.00  
 D) 5 for \$30.00
10. [MA4AE03 J] Choose the option with the lowest unit price.  
 A) 4 for \$28.00  
 B) 3 for \$15.00  
 C) 8 for \$24.00  
 D) 6 for \$36.00
11. [MA4AE03 K] Choose the option with the lowest unit price.  
 A) 5 for \$25.00  
 B) 3 for \$9.00

- C) 4 for \$16.00  
D) 7 for \$35.00
12. [MA4AE03 L] Choose the option with the lowest unit price.  
A) 8 for \$48.00  
B) 6 for \$42.00  
C) 5 for \$20.00  
 D) 4 for \$12.00
13. [MA4AE03 M] Find the product.

**$\$24.00 \times 3 =$**

- A) \$72.00  
B) \$48.00  
C) \$12.00  
D) \$8.00
14. [MA4AE03 N] Find the product.

**$\$18.00 \times 4 =$**

- A) \$4.00  
B) \$48.00  
 C) \$72.00  
D) \$12.00
15. [MA4AE03 O] Find the quotient.

**$\$39.00 \div 3 =$**

- A) \$96.00  
B) \$63.00  
C) \$9.00  
 D) \$13.00
16. [MA4AE03 P] Find the quotient.

**$\$36.00 \div 4 =$**

- A) \$6.00  
 B) \$9.00  
C) \$60.00  
D) \$72.00
17. [MA4AE03 Q] Mangoes are 4 for \$12.00.  
What is the price of 7 mangoes?  
A) \$7.00  
B) \$14.00  
 C) \$21.00  
D) \$24.00
18. [MA4AE03 R] Books are 3 for \$9.00.  
What is the price of 11 books?  
A) \$39.00  
 B) \$33.00  
C) \$27.00  
D) \$11.00
19. [MA4AE03 S] CD's are 5 for \$30.00.  
What is the price of 3 CD's?  
 A) \$18.00  
B) \$15.00  
C) \$6.00  
D) \$3.00
20. [MA4AE03 T] T-shirts are 6 for \$48.00.  
What is the price of 4 T-shirts?  
A) \$8.00  
B) \$12.00  
C) \$24.00  
 D) \$32.00

## Questions and Responses

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### Chapter Test

Date: 3/17/2021

Subject: Math

Level: 4

Chapter: Money #(602)

1. [MA4AE 1] Count the money, and choose the correct amount. [View Image](#)  
 A) \$81.47  
 B) \$66.37  
 C) \$71.32  
 D) \$76.42
2. [MA4AE 2] Count the money, and choose the correct amount. [View Image](#)  
 A) \$41.13  
 B) \$41.28  
 C) \$46.13  
 D) \$46.28
3. [MA4AE 3] Count the money, and choose the correct amount. [View Image](#)  
 A) \$95.61  
 B) \$95.56  
 C) \$85.61  
 D) \$85.56
4. [MA4AE 4] Find the equivalent value.  
**10 nickels = \_\_\_\_\_ quarters**  
 A) 1  
 B) 2  
 C) 3  
 D) 4
5. [MA4AE 5] Find the equivalent value.  
**2 fifty-dollar bills = \_\_\_\_\_ twenty-dollar bills**  
 A) 2  
 B) 3  
 C) 4  
 D) 5
6. [MA4AE 6] Find the equivalent value.  
**4 twenty-dollar bills = \_\_\_\_\_ ten-dollar bills**  
 A) 4  
 B) 6  
 C) 8  
 D) 10
7. [MA4AE 7] Leo has \$26.15 in his pocket. Which combination of coins and bills does he have in his pocket?  
 A) 2 ten-dollar bills, 2 five-dollar bills, 1 one-dollar bill, 1 dime, and 1 nickel  
 B) 1 twenty-dollar bill, 6 one-dollar bills, and 3 nickels  
 C) 1 twenty-dollar bill, 1 five-dollar bill, 1 one-dollar bill, 1 dime, and 1 nickel  
 D) either B or C
8. [MA4AE 8] Helen has \$53.89 in her pocket. Which combination of coins and bills does she have in her pocket?  
 A) 1 fifty-dollar bill, 3 one-dollar bills, 3 quarters, 1 dime, and 4 pennies  
 B) 1 fifty-dollar bill, 3 one-dollar bills, 2 quarters, 2 dimes, 2 nickels, and 4 pennies  
 C) 2 twenty-dollar bills, 1 ten-dollar bill, 3 one-dollar bills, 2 quarters, 3 dimes, and 9 pennies  
 D) either A or C
9. [MA4AE 9] Marcus has \$85.37 in his pocket. Which combination of coins and bills does he have in his pocket?  
 A) 4 twenty-dollar bills, 1 five-dollar bill, 1 quarter, 2 nickels, and 2 pennies  
 B) 1 fifty-dollar bill, 3 ten-dollar bills, 5 one-dollar bills, 2 dimes, 2 nickels, and 2 pennies  
 C) 3 twenty-dollar bills, 1 ten-dollar bill, 1 five-dollar bill, 1 quarter, 1 nickel, and 2 pennies  
 D) either B and C
10. [MA4AE 10] Louisa bought a pair of skates for \$82.49. If she paid with a hundred-dollar bill, how much change did she receive?  
 A) \$28.61  
 B) \$27.60  
 C) \$17.51  
 D) \$17.50
11. [MA4AE 11] Jorge bought a CD for \$21.99. If he paid with a fifty-dollar bill, how much change did he receive?

- A) \$28.01  
 B) \$39.01  
 C) \$29.11  
 D) \$38.11
12. [MA4AE 12] Abigail bought a video game for \$15.38. If she paid with a twenty-dollar bill, how much change did she receive?  
 A) \$5.72  
 B) \$5.61  
 C) \$4.71  
 D) \$4.62
13. [MA4AE 13] Find the sum.

**\$15.75****+32.60**

- A) \$47.35  
 B) \$47.45  
 C) \$48.45  
 D) \$48.35
14. [MA4AE 14] Find the sum.

**\$64.32****+21.76**

- A) \$86.08  
 B) \$85.18  
 C) \$86.18  
 D) \$85.08
15. [MA4AE 15] Find the difference.

**\$83.50****- 67.21**

- A) \$16.29  
 B) \$26.31  
 C) \$26.29  
 D) \$16.31
16. [MA4AE 16] Find the difference.

**\$50.29****- 18.30**

- A) \$42.19  
 B) \$42.99  
 C) \$31.99  
 D) \$31.19
17. [MA4AE 17] Renee bought a skateboard for \$72.56. She gave the cashier a hundred-dollar bill. How much change should she receive?  
 A) \$38.44  
 B) \$27.54  
 C) \$38.54  
 D) \$27.44
18. [MA4AE 18] Hector bought a CD player for \$34.26. He gave the cashier a fifty-dollar bill. How much change should he receive?  
 A) \$15.84  
 B) \$15.74  
 C) \$26.74  
 D) \$26.84
19. [MA4AE 19] Michelle bought a shirt for \$30.49 and a sweater for \$42.60. What is the total price of her purchase?  
 A) \$73.09  
 B) \$72.09  
 C) \$73.19  
 D) \$72.19
20. [MA4AE 20] Marcello bought a pair of shoes for \$29.80 and a tie for \$22.35. What is the total price of his purchase?  
 A) \$52.15  
 B) \$52.25  
 C) \$51.15  
 D) \$51.25
21. [MA4AE 21] Kyle bought a sweater and paid with a fifty-dollar bill. He received \$6.28 in change. What was the price of the sweater?  
 A) \$44.82  
 B) \$44.72  
 C) \$43.72  
 D) \$43.82

22. [MA4AE 22] Anne bought a skirt and paid with a twenty-dollar bill. She received \$4.18 in change. What was the price of the skirt?  
 A) \$16.92  
 B) \$16.82  
 C) \$15.92  
 D) \$15.82
23. [MA4AE 23] Liz buys a shirt for \$32.65 and a pair of shorts for \$25.49. She gives the cashier \$100.00. How much change will she receive?  
 A) \$53.06  
 B) \$42.96  
 C) \$52.96  
 D) \$41.86
24. [MA4AE 24] Jack buys a shirt for \$28.97 and a pair of socks for \$3.29. He gives the cashier \$50.00. How much change will he receive?  
 A) \$39.94  
 B) \$17.74  
 C) \$28.84  
 D) \$18.94
25. [MA4AE 25] Number of Items: 9  
 Price: \$54.00  
 If the items are all the same price, what is the price of one item?  
 A) \$6.00  
 B) \$9.00  
 C) \$36.00  
 D) \$54.00
26. [MA4AE 26] Number of Items: 3  
 Price: \$45.00  
 If the items are all the same price, what is the price of one item?  
 A) \$3.00  
 B) \$5.00  
 C) \$15.00  
 D) \$45.00
27. [MA4AE 27] Marjorie paid \$63.00 for 9 CD's.  
 If the CD's are all the same price, what is the price of 1 CD?  
 A) \$9.00  
 B) \$27.00  
 C) \$42.00  
 D) \$7.00
28. [MA4AE 28] One video game costs \$12.00.  
 What is the price of 6 video games?  
 A) \$2.00  
 B) \$12.00  
 C) \$60.00  
 D) \$72.00
29. [MA4AE 29] Price of 1 Item: \$9.00  
 What is the price of 6 items?  
 A) \$63.00  
 B) \$54.00  
 C) \$18.00  
 D) \$3.00
30. [MA4AE 30] Price of 1 Item: \$14.00  
 What is the price of 3 items?  
 A) \$24.00  
 B) \$36.00  
 C) \$42.00  
 D) \$54.00
31. [MA4AE 31] Find the product.  
**\$15.00 x 5 =**  
 A) \$3.00  
 B) \$25.00  
 C) \$50.00  
 D) \$75.00
32. [MA4AE 32] Find the product.  
**\$12.00 x 8 =**  
 A) \$2.00  
 B) \$16.00  
 C) \$32.00  
 D) \$96.00
33. [MA4AE 33] Find the quotient.  
**\$56.00 ÷ 8 =**

- A) \$4.00  
 B) \$7.00  
C) \$9.00  
D) \$16.00
34. [MA4AE 34] Find the quotient.
- $\$81.00 \div 9 =$**
- A) \$3.00  
B) \$6.00  
 C) \$9.00  
D) \$12.00
35. [MA4AE 35] Mangoes are 6 for \$18.00.  
What is the price of 8 mangoes?
- A) \$24.00  
B) \$36.00  
C) \$42.00  
D) \$56.00
36. [MA4AE 36] Books are 5 for \$20.00.  
What is the price of 9 books?
- A) \$20.00  
 B) \$36.00  
C) \$45.00  
D) \$90.00

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Numeric Patterns #(3490)

1. [MA4BA02 A] What comes next in the pattern?

**1, 5, 9, 13, \_\_\_\_\_**

A) 14

B) 21

 C) 17

D) 23

2. [MA4BA02 B] What comes next in the pattern?

**3, 8, 13, 18, \_\_\_\_\_**

A) 21

B) 28

C) 33

 D) 23

3. [MA4BA02 C] What comes next in the pattern?

**52, 47, 42, 37, \_\_\_\_\_**

A) 35

 B) 32

C) 29

D) 24

4. [MA4BA02 D] What comes next in the pattern?

**30, 27, 24, 21, \_\_\_\_\_**

A) 19

B) 15

 C) 18

D) 17

5. [MA4BA02 E] What comes next in the pattern?

**1, 4, 9, 16, 25, \_\_\_\_\_**

A) 54

 B) 36

C) 46

D) 38

6. [MA4BA02 F] Complete the pattern.

**11, 22, 33, 44, \_\_\_\_\_, \_\_\_\_\_**

A) 45, 46

 B) 55, 66

C) 54, 64

D) 46, 56

7. [MA4BA02 G] Complete the pattern.

**0, 5, 3, 8, 6, \_\_\_\_\_, \_\_\_\_\_**

A) 10, 8

 B) 11, 9

C) 12, 9

D) 11, 10

8. [MA4BA02 H] Complete the pattern.

**7, 11, 15, 19, \_\_\_\_\_, \_\_\_\_\_**

A) 21, 23

B) 23, 25

 C) 23, 27

D) 25, 28

9. [MA4BA02 I] Complete the pattern.

**2, 12, 7, 17, 12, \_\_\_\_\_, \_\_\_\_\_**

 A) 22, 17

B) 17, 22

- C) 20, 25  
D) 15, 20
10. [MA4BA02 J] Complete the pattern.  
**42, 35, 28, 21, \_\_\_\_\_, \_\_\_\_\_**  
A) 16, 8  
B) 22, 23  
C) 14, 6  
 D) 14, 7
11. [MA4BA02 K] Find the missing number in the pattern.  
**1, 1, 2, 3, 5, \_\_\_\_\_, 13, 21**  
A) 4  
 B) 8  
C) 9  
D) 11
12. [MA4BA02 L] Find the missing number in the pattern.  
**\_\_\_\_\_, 18, 27, 36, 45**  
A) 3  
B) 6  
 C) 9  
D) 12
13. [MA4BA02 M] Find the missing number in the pattern.  
**50, 45, 46, \_\_\_\_\_, 42, 37**  
A) 40  
 B) 41  
C) 47  
D) 44
14. [MA4BA02 N] Find the missing number in the pattern.  
**30, 27, 24, \_\_\_\_\_, 18**  
A) 25  
B) 23  
 C) 21  
D) 19
15. [MA4BA02 O] Find the missing number in the pattern.  
**7, 8, 6, 7, \_\_\_\_\_, 6, 4**  
A) 3  
B) 8  
C) 6  
 D) 5
16. [MA4BA02 P] Name the pattern rule.  
**2, 5, 8, 11, 14, 17**  
A) subtract 3  
B) add 4  
C) add 2  
 D) add 3
17. [MA4BA02 Q] Name the pattern rule.  
**2, 4, 8, 16, 32, 64**  
A) add 2  
B) add 4  
 C) multiply 2  
D) multiply 4
18. [MA4BA02 R] Name the pattern rule.  
**0, 3, 2, 5, 4, 7, 6, 9, 8**  
A) add 4, subtract 1  
B) subtract 3, add 1  
 C) add 3, subtract 1  
D) add 2, subtract 5
19. [MA4BA02 S] Name the pattern rule.  
**4, 9, 14, 19, 24, 29**  
A) add 9  
B) add 4  
 C) add 5  
D) add 3

20. [MA4BA02 T] Name the pattern rule.

**98, 96, 97, 95, 96, 94, 95**

A) add 2, subtract 1

B) subtract 1, add 2



C) subtract 2, add 1

D) subtract 2, add 3

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Apply Function Rules #(3491)

1. [MA4BA03 A] How many eggs are needed to make 4 cakes? [View Image](#)  
A) 10 eggs  
B) 11 eggs  
 C) 12 eggs  
D) 14 eggs
2. [MA4BA03 B] For each cake that is made, \_\_\_\_ eggs are needed. [View Image](#)  
A) 1  
B) 2  
 C) 3  
D) 4
3. [MA4BA03 C] How many tires are needed for 4 trucks? [View Image](#)  
A) 27 tires  
 B) 32 tires  
C) 34 tires  
D) 40 tires
4. [MA4BA03 D] Find the rule that matches this table. [View Image](#)  
A) number of tires times 2 trucks per tire  
B) number of trucks plus 8 tires per truck  
 C) number of trucks times 8 tires per truck  
D) number of trucks times 1 tire per truck
5. [MA4BA03 E] Find the missing data. [View Image](#)  
 A) 41  
B) 42  
C) 44  
D) 53
6. [MA4BA03 F] Find the rule that matches this table. [View Image](#)  
A) Tom's age times 6 years  
 B) Tom's age plus 6 years  
C) Jan's age plus Tom's age  
D) Jan's age plus 6 years
7. [MA4BA03 G] Find the rule that matches this table. [View Image](#)  
 A) number of quarters plus 25 cents per quarter  
B) number of quarters times 25 cents per quarter  
C) number of quarters minus 25 cents per quarter  
D) number of quarters times 5 cents per quarter
8. [MA4BA03 H] What is the value of 11 quarters? [View Image](#)  
A) \$2.55  
B) \$2.85  
C) \$3.00  
 D) \$2.75
9. [MA4BA03 I] Find the rule that matches this table. [View Image](#)  
 A) multiply 2 by itself for each fold  
B) multiply 2 by the number of folds  
C) add 2 to the number of folds  
D) multiply the number of folds by 4
10. [MA4BA03 J] If a paper is folded in half 5 times, how many sections will it have? [View Image](#)  
A) 21 sections  
B) 25 sections  
C) 28 sections  
 D) 32 sections
11. [MA4BA03 K] How is the output number found in this table? [View Image](#)  
 A) add 3  
B) add 4  
C) add 5  
D) multiply by 2
12. [MA4BA03 L] Find the missing data from the table. [View Image](#)  
A) 8  
B) 7  
C) 5  
 D) 4
13. [MA4BA03 M] Find the missing data from the table. [View Image](#)

- A) 15  
 B) 16  
C) 18  
D) 24
14. [MA4BA03 N] How is the output number found in this table? [View Image](#)  
A) add 8  
B) divide by 3  
 C) subtract 8  
D) multiply by 2
15. [MA4BA03 O] How is the output number found in this table? [View Image](#)  
A) multiply by 4  
B) add 4  
 C) divide by 4  
D) subtract 4
16. [MA4BA03 P] If 40 is entered in the input column, what should the output equal? [View Image](#)  
A) 44  
B) 36  
C) 15  
 D) 10
17. [MA4BA03 Q] Find the missing data from the table. [View Image](#)  
A) 16  
B) 8  
 C) 6  
D) 4
18. [MA4BA03 R] How is the output number found in this table? [View Image](#)  
A) add 1  
B) add 5  
 C) subtract 5  
D) divide by 2
19. [MA4BA03 S] How is the output number found in this table? [View Image](#)  
A) add 3  
B) multiply by 2  
 C) multiply input by itself  
D) multiply by 3
20. [MA4BA03 T] If 5 is entered in the input column, what should the output equal? [View Image](#)  
A) 18  
B) 22  
 C) 25  
D) 30

## Questions and Responses

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### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Patterns #(603)

1. [MA4BA 1] What comes next in the repeating pattern? [View Image](#)
  - A) purple square, yellow triangle
  - B) purple triangle, yellow square
  - C) yellow triangle, purple triangle
  - D) yellow square, purple square
2. [MA4BA 2] What comes next in the repeating pattern? [View Image](#)
  - A) circle, hexagon
  - B) triangle, hexagon
  - C) hexagon, triangle
  - D) square, triangle
3. [MA4BA 3] Name the repeating pattern. [View Image](#)
  - A) ABBA
  - B) ABBC
  - C) ABCD
  - D) ABCB
4. [MA4BA 4] Name the repeating pattern. [View Image](#)
  - A) ABCC
  - B) ABCB
  - C) ABBC
  - D) ABAC
5. [MA4BA 5] Find the missing step in the pattern. [View Image](#)
  - A) yellow star
  - B) red star
  - C) blue star
  - D) green star
6. [MA4BA 6] Find the missing step in the pattern. [View Image](#)
  - A) red circle
  - B) purple square
  - C) yellow triangle
  - D) red triangle
7. [MA4BA 7] What comes next in the growing pattern? [View Image](#)
  - A) 2 yellow circles
  - B) 3 yellow triangles
  - C) 3 yellow circles
  - D) 4 yellow circles
8. [MA4BA 8] What comes next in the growing pattern? [View Image](#)
  - A) 5 circles
  - B) 4 circles
  - C) 7 circles
  - D) 6 circles
9. [MA4BA 9] What comes next in the pattern?
  - 6, 11, 16, 21, 26, \_\_\_\_\_**
  - A) 31
  - B) 30
  - C) 29
  - D) 27
10. [MA4BA 10] What comes next in the pattern?
  - 2, 7, 12, 17, 22, \_\_\_\_\_**
  - B) 27
  - C) 23
  - D) 21
11. [MA4BA 11] Complete the pattern.
  - 1, 3, 6, 10, 15, \_\_\_\_\_, \_\_\_\_\_**
  - B) 21, 28
  - A) 23, 29
  - C) 17, 19
  - D) 17, 24

12. [MA4BA 12] Complete the pattern.

**1, 4, 9, 16, 25, \_\_\_\_\_, \_\_\_\_\_**

- A) 35, 42
- B) 29, 36
- C) 27, 33
- D) 36, 49

13. [MA4BA 13] Find the missing number in the pattern.

**2, \_\_\_\_\_, 10, 14, 18, 22**

- A) 3
- B) 4
- C) 6
- D) 7

14. [MA4BA 14] Find the missing number in the pattern.

**1, 12, 23, \_\_\_\_\_, 45, 56**

- A) 31
- B) 34
- C) 37
- D) 42

15. [MA4BA 15] Name the pattern rule.

**1, 3, 2, 4, 3, 5, 4, 6, 5**

- A) add 1, subtract 2
- B) add 2, subtract 2
- C) add 2, subtract 1
- D) add 1

16. [MA4BA 16] Name the pattern rule.

**1, 4, 8, 11, 15, 18, 22**

- A) add 3, add 4
- B) add 4, add 3
- C) add 2, add 3
- D) add 3, subtract 1

17. [MA4BA 17] Find the missing data in the table.

- A) 24
- B) 25
- C) 28
- D) 30

[View Image](#)

18. [MA4BA 18] Find the missing data in the table.

- A) 54
- B) 60
- C) 72
- D) 75

[View Image](#)

19. [MA4BA 19] How much older is Joan than Derek?

- A) 2 years
- B) 3 years
- C) 5 years
- D) 7 years

[View Image](#)

20. [MA4BA 20] How many donuts fit into 1 box?

- A) 4 donuts
- B) 6 donuts
- C) 10 donuts
- D) 12 donuts

[View Image](#)

21. [MA4BA 21] How is the output number found in this table?

- A) multiply by 3
- B) add 5
- C) multiply by 5
- D) subtract 2

[View Image](#)

22. [MA4BA 22] How is the output number found in this table?

- A) add 25
- B) subtract 50
- C) subtract 25
- D) divide by 5

[View Image](#)

23. [MA4BA 23] If 0 is entered in the input column, what should the output equal?

- A) 0
- B) 1
- C) 5
- D) 7

[View Image](#)

24. [MA4BA 24] If 30 is entered in the input column, what should the output equal?

[View Image](#)

- A) 4  
 B) 5  
C) 6  
D) 7
25. [MA4BA 25] What comes next in the pattern?  
**2, 1, 2, 2, 2, 1, 2, 2, \_\_\_\_\_**  
 A) 2, 1, 2, 2  
B) 1, 2, 1, 2  
C) 2, 2, 1, 2  
D) 1, 1, 2, 2
26. [MA4BA 26] What comes next in the pattern?  
**4, 7, 8, 4, 7, \_\_\_\_\_**  
A) 4, 7, 8, 4  
B) 7, 4, 7, 8  
 C) 8, 4, 7, 8  
D) 8, 4, 8, 7
27. [MA4BA 27] Complete the pattern.  
**1, 8, 15, 22, 29, \_\_\_\_\_, \_\_\_\_\_**  
A) 35, 42  
 B) 36, 43  
C) 36, 42  
D) 34, 42
28. [MA4BA 28] Complete the pattern.  
**0, 1, 3, 6, 10, 15, \_\_\_\_\_, \_\_\_\_\_**  
A) 19, 22  
B) 21, 32  
 C) 21, 28  
D) 24, 35
29. [MA4BA 29] If 10 is entered in the input column, what should the output equal? [View Image](#)  
A) 40  
B) 18  
 C) 14  
D) 6
30. [MA4BA 30] If 25 is entered in the input column, what should the output equal? [View Image](#)  
 A) 0  
B) 5  
C) 10  
D) 15

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Expressions #(3493)

1. [MA4BB01 A] A number is twice the value of 7. Which expression represents the unknown number?
  - A)  $2 \times 7$
  - B)  $2 + 7$
  - C)  $2 - 7$
  - D)  $7 + 2$
2. [MA4BB01 B] Shayla is 3 years older than Todd. If  $t$  represents Todd's age, which expression represents Shayla's age?
  - A)  $3 - t$
  - B)  $t - 3$
  - C)  $t \times 3$
  - D)  $t + 3$
3. [MA4BB01 C] A puppy weighs 6 pounds less than his mother. If  $m$  represents the mother's weight, which expression represents the puppy's weight?
  - A)  $m \times 6$
  - B)  $m - 6$
  - C)  $m + 6$
  - D)  $m \div 6$
4. [MA4BB01 D] A lizard measures half the length of a snake. If  $s$  represents the length of the snake, which expression represents the length of the lizard?
  - A)  $s \times 2$
  - B)  $s + 2$
  - C)  $s \div 2$
  - D)  $s - 2$
5. [MA4BB01 E] A number,  $x$ , is 4 less than 14. Which expression represents the unknown number?
  - A)  $14 + 4$
  - B)  $14 - 4$
  - C)  $14 \times 4$
  - D)  $14 \div 4$
6. [MA4BB01 F] Elle is 5 times as old as her daughter. If  $d$  represents her daughter's age, which expression represents Elle's age?
  - A)  $5 + d$
  - B)  $5 \times d$
  - C)  $d - 5$
  - D)  $d \div 5$
7. [MA4BB01 G] John gave away some money. He has \$12.00 left. If  $m$  represents the money he gave away, which expression represents the money he had before he gave some away.
  - A)  $m - \$12.00$
  - B)  $m + \$12.00$
  - C)  $m \times \$12.00$
  - D)  $\$12.00 \div m$
8. [MA4BB01 H] A group of beads were equally divided into 5 jars. If  $b$  represents the total number of beads, which expression represents the number of beads in each jar?
  - A)  $b + 5$
  - B)  $b \times 5$
  - C)  $b \div 5$
  - D)  $b - 5$
9. [MA4BB01 I] If  $h$  represents Lisa's height, then Jack's height is  $h + 3$ . Find the statement that is true.
  - A) Jack is 3 inches shorter than Lisa.
  - B) Jack is 3 times taller than Lisa.
  - C) Jack is 3 inches taller than Lisa.
  - D) Jack is half as tall as Lisa.
10. [MA4BB01 J] If  $d$  represents the dog's weight, then the cat weighs  $d - 8$ . Find the true statement.
  - A) The cat weighs 8 times the dog.
  - B) The cat weighs one-eighth of the dog.
  - C) The cat weighs 8 pounds more than the dog.
  - D) The cat weighs 8 pounds less than the dog.
11. [MA4BB01 K] If  $l$  represents the length of the sidewalk, then the width of the sidewalk is  $l \div 3$ . Find the true statement.
  - A) The width of the sidewalk is 3 times the length of the sidewalk.
  - B) The width of the sidewalk is one-third the length of the sidewalk.
  - C) The width of the sidewalk is 3 feet less than the length of the sidewalk.
  - D) The width of the sidewalk is the same as the length of the sidewalk.
12. [MA4BB01 L] If  $m$  represents Derek's money, then Jill's money is  $m \times 2$ . Find the true statement.

- A) Jill has half as much money as Derek.  
B) Jill has \$2.00 less than Derek.  
 C) Jill has twice as much money as Derek.  
D) Jill has \$2.00 more than Derek.
13. [MA4BB01 M] If  $a$  represents the number of marbles in box a, then box b has  $a + 10$  marbles. Find the true statement.  
 A) Box b has 10 more marbles than box a.  
B) Box b has 10 times as many marbles as box a.  
C) Box b has 10 less marbles than box a.  
D) Box b has the same number of marbles as box a.
14. [MA4BB01 N] If  $b$  represents the number of boys in the class, then the number of girls in the class is  $b - 5$ . Find the true statement.  
A) The class has 5 more girls than boys.  
B) The class has 5 times as many girls than boys.  
 C) The class has 5 fewer girls than boys.  
D) The class has 5 girls and 5 boys.
15. [MA4BB01 O] If  $c$  represents the number of crayons in the class, then the number of markers is  $c \times 3$ . Find the true statement.  
A) The class has 3 fewer markers than crayons.  
B) The class has 3 more markers than crayons.  
C) The class has an equal number of markers and crayons.  
 D) The class has 3 times as many markers as crayons.
16. [MA4BB01 P] If  $g$  represents the number of golf balls, then the number of golf balls each player will get is  $g \div 20$ . Find the true statement.  
 A) There are 20 players that will share the golf balls equally.  
B) There are 20 more players than golf balls.  
C) There are 20 fewer players than golf balls.  
D) There are 20 times the number of players as there are golf balls.
17. [MA4BB01 Q] Sue is 3 years older than Mike. Mike is 10 years old. Which expression represents Sue's age?  
A)  $10 - 3$   
B)  $10 \times 3$   
 C)  $10 + 3$   
D)  $10 \div 3$
18. [MA4BB01 R] Denzel is twice as old as Kimeka. Kimeka is 9 years old. Which expression represents Denzel's age?  
A)  $9 + 2$   
B)  $9 - 2$   
 C)  $9 \times 2$   
D)  $9 \div 2$
19. [MA4BB01 S] Harry is 4 years younger than his brother. If his brother is 24 years old, which expression represents Harry's age?  
A)  $24 + 4$   
B)  $24 \times 4$   
 C)  $24 - 4$   
D)  $24 \div 4$
20. [MA4BB01 T] Fifty cookies are in 5 equal groups. Which expression represents the number of cookies in each group?  
A)  $50 + 5$   
B)  $50 - 5$   
C)  $50 \times 5$   
 D)  $50 \div 5$

## Questions and Responses



### Activity Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Using an Equation to Represent a Situation

1. [AQOA029 AQ4MA\_AQOA029\_01]

Which equation would represent 30 kittens divided into groups of 4?

- A)  $4 \div 30 = 4 \text{ r. } 3$
- B)  $30 \div 4 = 8$
- C)  $4 \times 7 = 28$
- D)  $30 \div 4 = 7 \text{ r. } 2$

2. [AQOA029 AQ4MA\_AQOA029\_02]

Carla spent \$15 on notebooks for school. Which equation could be used to find the number of notebooks Carla bought?

Item	Cost
Pencils	\$1
Pens	\$3
Notebook	\$3

- A)  $3 + 3 = a$
  - B)  $15 \div 3 = a$
  - C)  $3 \div b = 15$
  - D)  $3 \times 15 = y$
3. [AQOA029 AQ4MA\_AQOA029\_03]

Ellen brought \$15 to the grocery store. Oranges cost \$2 for one bag. She bought 3 bags of oranges. Which set of equations could be used to find the amount of money she had left?

- A)  $2 \times 3 = 6$   
 $15 - 6 = a$
  - B)  $15 \div 3 = 5$   
 $5 \times 6 = y$
  - C)  $6 \div 2 = 3$   
 $15 - 3 = b$
  - D)  $15 - 3 = 12$   
 $12 \div x = 2$
4. [AQOA029 AQ4MA\_AQOA029\_04]

Each ticket at the carnival costs \$3. Kareem wants to ride the Ferris wheel 2 times. Which set of equations could be used to find the amount of money he needs?

Carnival Ride	Number of Tickets to Ride
Merry-go-Round	3
Bumper Cars	5
Ferris Wheel	6

- A)  $6 + 3 = 9$   
 $9 \times 2 = a$
- B)  $24 \div 3 = 8$   
 $8 + 6 = c$
- C)  $6 \times 3 = 18$   
 $18 \times 2 = y$   
 $2 \times 6 = 12$
- D)  $12 \times 2 = b$
5. [AQOA029 AQ4MA\_AQOA029\_05]

What equation would represent the number of books that could be placed on each shelf if Cindy had 42 books and 7 shelves?

- A)  $42 - 7 = 35$
- B)  $42 \div 7 = 6 \text{ r. } 3$
- C)  $42 + 7 = 49$
- D)  $42 \div 7 = 6$

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Equations #(3494)

1. [MA4BB02 HSLQ\_MA4BB02\_A]

What does the variable  $n$  equal in this equation?

$$n + 14 = 20$$

- A) 6  
 B) 12  
 C) 20  
 D) 34

2. [MA4BB02 HSLQ\_MA4BB02\_B]

What does the variable  $n$  equal in this equation?

$$10 + n = 31$$

- A) 11  
 B) 21  
 C) 31  
 D) 41

3. [MA4BB02 HSLQ\_MA4BB02\_C]

What does the variable  $s$  equal in this equation?

$$s - 10 = 31$$

- A) 11  
 B) 21  
 C) 31  
 D) 41

4. [MA4BB02 HSLQ\_MA4BB02\_D]

What does the variable  $s$  equal in this equation?

$$25 - s = 10$$

- A) 5  
 B) 15  
 C) 25  
 D) 35

5. [MA4BB02 HSLQ\_MA4BB02\_E]

What does the variable  $b$  equal in this equation?

$$b \times 10 = 60$$

- A) 6  
 B) 10  
 C) 50  
 D) 70

6. [MA4BB02 HSLQ\_MA4BB02\_F]

What does the variable  $b$  equal in this equation?

$$8 \times b = 40$$

- A) 4  
 B) 5  
 C) 32  
 D) 48

7. [MA4BB02 HSLQ\_MA4BB02\_G]

What does the variable  $c$  equal in this equation?

$$c \div 7 = 7$$

- A) 7  
 B) 14

- C) 49  
 D) 54  
 8. [MA4BB02 HSLQ\_MA4BB02\_H]

What does the variable  $c$  equal in this equation?

$$36 \div c = 9$$

- A) 4  
 B) 6  
 C) 27  
 D) 45  
 9. [MA4BB02 HSLQ\_MA4BB02\_I]

$$n + 50 = 75$$

$$n = \underline{\hspace{2cm}}$$

- A) 125  
 B) 75  
 C) 50  
 D) 25  
 10. [MA4BB02 HSLQ\_MA4BB02\_J]

$$126 - 73 = 53$$

$$53 + n = 126$$

$$n = \underline{\hspace{2cm}}$$

- A) 23  
 B) 53  
 C) 73  
 D) 126  
 11. [MA4BB02 HSLQ\_MA4BB02\_K]

$$82 + 120 = 202$$

$$202 - n = 82$$

$$n = \underline{\hspace{2cm}}$$

- A) 82  
 B) 120  
 C) 202  
 D) 302  
 12. [MA4BB02 HSLQ\_MA4BB02\_L]

$$35 - d = 20$$

$$d = \underline{\hspace{2cm}}$$

- A) 15  
 B) 20  
 C) 35  
 D) 55  
 13. [MA4BB02 HSLQ\_MA4BB02\_M]

$$8 \times s = 64$$

$$s = \underline{\hspace{2cm}}$$

- A) 4  
 B) 8  
 C) 56  
 D) 72  
 14. [MA4BB02 HSLQ\_MA4BB02\_N]

$$12 \times 14 = 168$$

$$168 \div h = 14$$

$$h = \underline{\hspace{2cm}}$$

- A) 168  
 B) 26  
 C) 14  
 D) 12  
 15. [MA4BB02 HSLQ\_MA4BB02\_O]

$$55 \div n = 5$$

$$n = \underline{\hspace{2cm}}$$

- A) 5  
 B) 11  
 C) 50  
 D) 60
16. [MA4BB02 HSLQ\_MA4BB02\_P]

$$225 \div 5 = 45$$

$$b \times 5 = 225$$

$$b = \underline{\quad}$$

- A) 5  
 B) 40  
 C) 45  
 D) 225
17. [MA4BB02 HSLQ\_MA4BB02\_Q]

Dixon spent \$20 on action figures. If each action figure cost \$5, which equation could be used to find the number of action figures Dixon bought?

- A)  $20 \div 5 = a$   
 B)  $20 \times 5 = a$   
 C)  $20 \times a = 5$   
 D)  $a + 5 = 20$
18. [MA4BB02 HSLQ\_MA4BB02\_R]

Each ticket at the carnival costs \$2. Anna wants to ride the bumper cars and ferris wheel. Which set of equations can be used to find the total cost?

Carnival Ride	Number of Tickets to Ride
Merry-go-Round	3
Bumper Cars	5
Ferris Wheel	6

- A)  $5 \times 6 = 30$   
 $30 \times 2 = y$   
 B)  $5 + 6 = 11$   
 $11 \times 2 = y$   
 C)  $5 + 6 = 56$   
 $56 \times 2 = y$   
 D)  $5 \times 6 = 11$   
 $11 + 2 = y$
19. [MA4BB02 HSLQ\_MA4BB02\_S]

Each ticket at the carnival costs \$2. Camilo wants to ride the merry-go-round 2 times. Which set of equations can be used to find the total cost?

Carnival Ride	Number of Tickets to Ride
Merry-go-Round	3
Bumper Cars	5
Ferris Wheel	6

A)

- $3 + 3 = 6$   
 $6 + 2 = y$   
B)  $3 + 2 = 5$   
 $5 \times 2 = y$   
 C)  $3 \times 2 = 6$   
 $6 \times 2 = y$   
D)  $3 \times 3 = 9$   
 $9 + 2 = y$

20. [MA4BB02 HSLQ\_MA4BB02\_T]

Brianna ate 3 bags of apple slices. If each bag contained 7 apple slices, which equation represents the total number of apple slices Brianna ate?

- A)  $7 \times 3 = 10$   
B)  $7 + 3 = 10$   
C)  $7 \div 3 = 21$   
 D)  $3 \times 7 = 21$

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Properties #(3495)

1. [MA4BB03 A] Use the Commutative Property to find the value of the variable.

$$24 + 36 = s + 24$$

- A) 12  
 B) 24  
 C) 36  
 D) 60

2. [MA4BB03 B] Use the Commutative Property to find the value of the variable.

$$12 + 15 = t + 12$$

- A) 3  
 B) 12  
 C) 15  
 D) 27

3. [MA4BB03 C] Use the Commutative Property to find the value of the variable.

$$s \times 13 = 13 \times 12$$

- A) 12  
 B) 13  
 C) 25  
 D) 156

4. [MA4BB03 D] Use the Commutative Property to find the value of the variable.

$$k \times 7 = 7 \times 9$$

- A) 7  
 B) 9  
 C) 16  
 D) 63

5. [MA4BB03 E] Use the Commutative Property to find the value of the variable.

$$6 \times m = 7 \times 6$$

- A) 6  
 B) 7  
 C) 13  
 D) 42

6. [MA4BB03 F]  $65 + s = 24 + 65$

$$s =$$

- A) 24  
 B) 41  
 C) 65  
 D) 89

7. [MA4BB03 G]  $d + 37 = 37 + 52$

$$d =$$

- A) 37  
 B) 52  
 C) 89  
 D) 123

8. [MA4BB03 H]  $61 + 21 = x + 61$

$$x =$$

- A) 21  
 B) 40  
 C) 61  
 D) 82

9. [MA4BB03 I]  $s \times 9 = 9 \times 8$

$$s =$$

- A) 1  
 B) 8  
 C) 9  
 D) 17

10. [MA4BB03 J]  $12 \times 13 = b \times 12$

- b =**
- A) 1  
B) 12  
 C) 13  
D) 25
11. [MA4BB03 K] Use the Associative Property to find the value of the variable.  
 **$(12 + 15) + s = 12 + (15 + 11)$**
- A) 11  
B) 12  
C) 15  
D) 26
12. [MA4BB03 L] Use the Associative Property to find the value of the variable.  
 **$(25 + s) + 32 = 12 + (25 + 32)$**
- A) 12  
B) 25  
C) 32  
D) 55
13. [MA4BB03 M] Use the Associative Property to find the value of the variable.  
 **$(9 + 11) + 15 = 9 + (11 + b)$**
- A) 9  
B) 11  
 C) 15  
D) 20
14. [MA4BB03 N] Use the Associative Property to find the value of the variable.  
 **$(8 \times 15) \times s = 8 \times (15 \times 11)$**
- A) 8  
 B) 11  
C) 15  
D) 88
15. [MA4BB03 O] Use the Associative Property to find the value of the variable.  
 **$10 \times (5 \times 4) = (b \times 5) \times 4$**
- A) 4  
B) 5  
C) 9  
 D) 10
16. [MA4BB03 P]  **$h + (32 + 17) = (32 + 12) + 17$**   
 **$h = \underline{\hspace{1cm}}$**
- A) 12  
B) 17  
C) 32  
D) 49
17. [MA4BB03 Q]  **$15 + (30 + 17) = (30 + c) + 17$**   
 **$c = \underline{\hspace{1cm}}$**
- A) 15  
B) 17  
C) 30  
D) 47
18. [MA4BB03 R]  **$(7 \times 8) \times h = (7 \times 7) \times 8$**   
 **$h = \underline{\hspace{1cm}}$**
- A) 7  
B) 8  
C) 14  
D) 15
19. [MA4BB03 S]  **$6 \times (4 \times 7) = (b \times 6) \times 4$**   
 **$b = \underline{\hspace{1cm}}$**
- A) 4  
B) 6  
 C) 7  
D) 11
20. [MA4BB03 T]  **$h \times (14 \times 2) = (2 \times 2) \times 14$**   
 **$h = \underline{\hspace{1cm}}$**
- A) 2  
B) 3  
C) 4  
D) 14

## Questions and Responses



### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Algebra #(604)

1. [MA4BB HSCT\_MA4BB\_01A]

A number,  $x$ , is 4 more than 20. Which expression represents the unknown number  $x$ ?

- A)  $20 + 4$
- B)  $20 - 4$
- C)  $20 \times 4$
- D)  $20 \div 4$

2. [MA4BB HSCT\_MA4BB\_02A]

If  $h$  represents Jack's height, then Tom's height is  $h \times 2$ . Find the statement that is true.

- A) Tom is 2 inches taller than Jack.
- B) Tom is 2 inches shorter than Jack.
- C) Tom is half as tall as Jack.
- D) Tom is twice as tall as Jack.

3. [MA4BB HSCT\_MA4BB\_03A]

Harry is 4 years younger than his brother. If his brother is 24 years old, which expression represents Harry's age?

- A)  $24 \div 4$
- B)  $24 + 4$
- C)  $24 - 4$
- D)  $24 \times 4$

4. [MA4BB HSCT\_MA4BB\_04A]

If  $d$  represents the dog's weight, then the cat weighs  $d \div 2$ . Find the true statement.

- A) The cat weighs twice as much as the dog.
- B) The cat weighs 2 more pounds than the dog.
- C) The cat weighs half as much as the dog.
- D) The cat weighs 2 pounds less than the dog.

5. [MA4BB HSCT\_MA4BB\_05A]

Mark is 4 years older than his brother. If his brother is 24 years old, which expression represents Mark's age?

- A)  $24 + 4$
- B)  $24 - 4$
- C)  $24 \div 4$
- D)  $24 \times 4$

6. [MA4BB HSCT\_MA4BB\_06A]

What does the variable  $n$  equal in this equation?

$$n + 11 = 20$$

- A) 9
- B) 11
- C) 20
- D) 31

7. [MA4BB HSCT\_MA4BB\_07A]

$$8 \times n = 72$$

$$n = \underline{\hspace{2cm}}$$

- A) 7
- B) 9
- C) 63
- D) 80

8. [MA4BB HSCT\_MA4BB\_08A]

$$15 \times 20 = 300$$

$$300 \div b = 20$$

$$b = \underline{\quad}$$

- A) 300
- B) 35
- C) 20
- D) 15

9. [MA4BB HSCT\_MA4BB\_09A]

Jack has 10 fewer trading cards than Julie. If Jack has 23 trading cards, how many cards does Julie have?

- A) 33 cards
- B) 23 cards
- C) 13 cards
- D) 3 cards

10. [MA4BB HSCT\_MA4BB\_10A]

What does the variable  $n$  equal in this equation?

$$25 \times n = 25$$

- A) 0
- B) 1
- C) 5
- D) 25

11. [MA4BB HSCT\_MA4BB\_11A]

$$h + 17 = 32 + 17$$

$$h = \underline{\quad}$$

- A) 16
- B) 17
- C) 32
- D) 49

12. [MA4BB HSCT\_MA4BB\_12A]

Use the Commutative Property to find the value of the variable.

$$29 + 31 = 31 + t$$

- A) 29
- B) 31
- C) 60
- D) 87

13. [MA4BB HSCT\_MA4BB\_13A]

Use the Associative Property to find the value of the variable.

$$(9 \times 3) \times 4 = t \times (3 \times 4)$$

- A) 3
- B) 4
- C) 9
- D) 27

14. [MA4BB HSCT\_MA4BB\_14A]

$$(7 \times n) \times 9 = (8 \times 9) \times 7$$

$$n = \underline{\quad}$$

- A) 7
- B) 8
- C) 9
- D) 17

15. [MA4BB HSCT\_MA4BB\_15A]

$$(5 \times n) \times 11 = (8 \times 11) \times 5$$

$$n = \underline{\quad}$$

- A) 5
- B) 8
- C) 11
- D) 15

16. [MA4BB HSCT\_MA4BB\_16A]

Ryan is twice as old as Rachel. Rachel is 7 years old. Which expression represents Ryan's age?

- A)  $7 \div 2$
- B)  $7 + 2$
- C)  $7 - 2$
- D)  $7 \times 2$

17. [MA4BB HSCT\_MA4BB\_17A]

Lee has 12 nickels and some dimes. Lee has a total of 20 coins. Which equation could be used to find the number of dimes Lee has?

- A)  $20 \times 12 = d$
- B)  $20 + 12 = d$
- C)  $20 - 12 = d$
- D)  $20 \div 12 = d$

18. [MA4BB HSCT\_MA4BB\_18A]

The bake sale sold 18 cakes and some pies. All together, 36 items were sold. Which equation could be used to find the number of pies sold?

- A)  $36 - 18 = p$
- B)  $36 + 18 = p$
- C)  $36 \times 18 = p$
- D)  $36 \div 18 = p$

19. [MA4BB HSCT\_MA4BB\_19A]

Keilen had \$12. He bought 2 gallons of milk, which each cost \$4. Which set of equations could be used to find how much money he had left?

- A)  $2 \times 4 = 8$   
 $12 - 8 = m$
- B)  $2 + 4 = 6$   
 $12 - 6 = m$
- C)  $2 \times 4 = 8$   
 $12 + 8 = m$
- D)  $2 + 4 = 6$   
 $12 + 6 = m$

20. [MA4BB HSCT\_MA4BB\_20A]

Marcus had 14 balloons. He gave 6 to his mother and 3 flew away. Which set of equations could be used to find how many balloons Marcus had left?

- A)  $14 - 6 = 8$   
 $8 - 3 = b$   
 $6 + 3 = 9$
- B)  $14 + 9 = b$
- C)  $14 + 6 = 20$   
 $20 - 3 = b$   
 $6 - 3 = 3$
- D)  $14 - 3 = b$

21. [MA4BB HSCT\_MA4BB\_01B]

A number,  $x$ , is 4 times the number 5. Which expression represents the unknown number  $x$ ?

- A)  $4 + 5$
- B)  $4 \times 5$
- C)  $5 - 4$
- D)  $5 + 4$

22. [MA4BB HSCT\_MA4BB\_02B]

If  $h$  represents Lisa's height, then Jack's height is  $h + 5$ . Find the

statement that is true.

- A) Jack is 5 times taller than Lisa.  
 B) Jack is 5 inches shorter than Lisa.  
 C) Jack and Lisa are 5 inches taller than Mike.  
 D) Jack is 5 inches taller than Lisa.
23. [MA4BB HSCT\_MA4BB\_03B]

Linda is 8 years younger than her brother. If her brother is 24 years old, which expression represents Linda's age?

- A)  $24 + 8$   
 B)  $24 - 8$   
 C)  $24 \times 8$   
 D)  $24 \div 8$
24. [MA4BB HSCT\_MA4BB\_04B]

If  $d$  represents the number of donuts, then the number of cupcakes is  $d \div 5$ . Find the true statement.

- A) There are 5 times as many cupcakes as donuts.  
 B) There are 5 more cupcakes than donuts.  
 C) There are 5 less cupcakes than donuts.  
 D) There are one-fifth as many cupcakes as donuts.
25. [MA4BB HSCT\_MA4BB\_05B]

Leah is 20 years younger than her father. If Leah is 24 years old, which expression represents her father's age?

- A)  $24 \times 20$   
 B)  $24 \div 20$   
 C)  $24 + 20$   
 D)  $24 - 20$
26. [MA4BB HSCT\_MA4BB\_06B]

What does the variable  $n$  equal in this equation?

$$25 + n = 40$$

- A) 10  
 B) 15  
 C) 25  
 D) 40
27. [MA4BB HSCT\_MA4BB\_07B]

$$n \times 4 = 28$$

$$n = \underline{\quad}$$

- A) 32  
 B) 24  
 C) 7  
 D) 6
28. [MA4BB HSCT\_MA4BB\_08B]

$$144 \div 9 = 16$$

$$n \times 16 = 144$$

$$n = \underline{\quad}$$

- A) 144  
 B) 25  
 C) 16  
 D) 9
29. [MA4BB HSCT\_MA4BB\_09B]

There are 12 more marbles in the red bag than in the blue bag. If the red bag has 32 marbles, how many marbles are in the blue bag?

- A) 12 marbles  
 B) 20 marbles  
 C) 32 marbles  
 D) 44 marbles
30. [MA4BB HSCT\_MA4BB\_10B]

What does the variable  $n$  equal in this equation?

$$n - 25 = 0$$

- A) 50  
 B) 25  
 C) 5  
 D) 0
31. [MA4BB HSCT\_MA4BB\_11B]

$$16 + 17 = h + 16$$

$$h = \underline{\quad}$$

- A) 16  
 B) 17  
 C) 33  
 D) 47
32. [MA4BB HSCT\_MA4BB\_12B]

Use the Commutative Property to find the value of the variable.

$$29 + t = 47 + 29$$

- A) 18  
 B) 29  
 C) 47  
 D) 76
33. [MA4BB HSCT\_MA4BB\_13B]

Use the Associative Property to find the value of the variable.

$$(b \times 3) \times 8 = (3 \times 8) \times 7$$

- A) 3  
 B) 5  
 C) 7  
 D) 8
34. [MA4BB HSCT\_MA4BB\_14B]

$$3 \times (6 \times 11) = (h \times 3) \times 11$$

$$h = \underline{\quad}$$

- A) 3  
 B) 6  
 C) 11  
 D) 17
35. [MA4BB HSCT\_MA4BB\_15B]

$$(17 + n) + 10 = (8 + 10) + 17$$

$$n = \underline{\quad}$$

- A) 5  
 B) 8  
 C) 10  
 D) 17
36. [MA4BB HSCT\_MA4BB\_16B]

Liam is 6 years younger than his sister. If his sister is 15 years old, which expression represents Liam's age?

- A)  $15 - 6$   
 B)  $15 \times 6$   
 C)  $15 + 6$   
 D)  $15 \div 6$
37. [MA4BB HSCT\_MA4BB\_17B]

The class has 5 times the number of pencils as students. There are 100 pencils in the class. Which equation could be used to find the number of students in the class?

- A)  $5 + 100 = s$   
 B)  $100 - 5 = s$   
 C)  $5 \times 100 = s$   
 D)  $100 \div 5 = s$
38. [MA4BB HSCT\_MA4BB\_18B]

Kim used 56 beads to make 8 identical bracelets. Which equation could be used to find the number of beads on each bracelet?

- A)  $56 - 8 = b$
- B)  $56 \div 8 = b$
- C)  $56 + 8 = b$
- D)  $56 \times 8 = b$

39. [MA4BB HSCT\_MA4BB\_19B]

Eileen had \$18. She bought 3 loaves of bread, which each cost \$5. Which set of equations could be used to find how much money she had left?

- A)  $3 + 5 = 8$   
 $18 - 8 = m$
- B)  $3 \times 5 = 12$   
 $18 - 12 = m$
- C)  $3 \times 5 = 15$   
 $18 - 15 = m$
- D)  $3 + 5 = 8$   
 $18 + 8 = m$

40. [MA4BB HSCT\_MA4BB\_20B]

Marian had 12 markers. She gave 3 to her sister and 4 dried out. Which set of equations could be used to find how many working markers Marian had left?

- A)  $3 + 4 = 7$   
 $12 + 7 = m$
- B)  $12 + 3 = 15$   
 $15 - 4 = m$
- C)  $12 - 3 = 9$   
 $9 - 4 = m$
- D)  $4 + 12 = 16$   
 $16 + 3 = m$

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Points, Lines, Segments, Rays #(3497)

1. [MA4CA01 A] An exact location in space is called a(n) \_\_\_\_\_.  
 A) point  
 B) line  
 C) angle  
 D) ray
2. [MA4CA01 B] A set of points that continues in both directions is called a \_\_\_\_\_.  
 B) line  
 C) line segment  
 D) ray
3. [MA4CA01 C] A part of a line with 2 endpoints is called a \_\_\_\_\_.  
 C) line segment  
 D) ray
4. [MA4CA01 D] A part of a line with one endpoint that continues in one direction is called a(n) \_\_\_\_\_.  
 D) ray
5. [MA4CA01 E] Two rays that share an endpoint is called a(n) \_\_\_\_\_.  
 C) angle  
 D) ray
6. [MA4CA01 F] Name the figure. [View Image](#)  
 A) point  
 B) line  
 C) angle  
 D) ray
7. [MA4CA01 G] Name the figure. [View Image](#)  
 B) line  
 C) line segment  
 D) ray
8. [MA4CA01 H] Name the figure. [View Image](#)  
 C) angle  
 D) ray
9. [MA4CA01 I] Name the figure. [View Image](#)  
 D) ray
10. [MA4CA01 J] Name the figure. [View Image](#)  
 C) line segment  
 D) ray
11. [MA4CA01 K] Name the figure. [View Image](#)  
 A) ray CD  
 B) ray DC  
 C) line segment CD  
 D) line DC
12. [MA4CA01 L] Name the figure. [View Image](#)  
 D) both a and b
13. [MA4CA01 M] Name the figure. [View Image](#)

- A) angle ABC  
B) angle CBA  
C) angle A  
 D) both a and b
14. [MA4CA01 N] Name the figure. [View Image](#)  
A) line segment C  
B) line segment CD  
C) line segment DC  
 D) both b and c
15. [MA4CA01 O] Name the figure. [View Image](#)  
A) dot L  
B) L  
 C) point L  
D) segment L
16. [MA4CA01 P] A ray has \_\_\_\_\_.  
A) 3 endpoints  
B) 2 endpoints  
 C) 1 endpoint  
D) 0 endpoints
17. [MA4CA01 Q] A line segment has \_\_\_\_\_.  
A) 3 endpoints  
 B) 2 endpoints  
C) 1 endpoint  
D) 0 endpoints
18. [MA4CA01 R] A line has \_\_\_\_\_.  
A) 3 endpoints  
B) 2 endpoints  
C) 1 endpoint  
 D) 0 endpoints
19. [MA4CA01 S] An angle is formed when \_\_\_\_\_ share an endpoint.  
A) 2 points  
B) 2 lines  
 C) 2 rays  
D) parallel lines
20. [MA4CA01 T] A line is straight and \_\_\_\_\_.  
 A) continues in both directions  
B) continues in 1 direction  
C) has 2 endpoints  
D) never intersects another line

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Identify and Classify Angles #(3498)

1. [MA4CA02 A] An angle that is less than a right angle is called \_\_\_\_\_.  
 A) an acute angle  
 B) an obtuse angle  
 C) a straight angle  
 D) a short angle
2. [MA4CA02 B] An angle that is greater than a right angle is called \_\_\_\_\_.  
 B) an obtuse angle  
 C) a straight angle  
 D) a short angle
3. [MA4CA02 C] An angle that makes a square corner is called \_\_\_\_\_.  
 C) a right angle  
 D) a short angle
4. [MA4CA02 D] Name the angle. [View Image](#)  
 A) acute  
 B) right  
 C) obtuse  
 D) straight
5. [MA4CA02 E] Name the angle. [View Image](#)  
 B) right  
 C) obtuse  
 D) straight
6. [MA4CA02 F] Name the angle. [View Image](#)  
 C) obtuse  
 D) straight
7. [MA4CA02 G] Name all the angles. [View Image](#)  
 A) 1 right angle, 2 acute angles  
 B) 1 obtuse angle, 2 acute angles  
 C) 3 acute angles  
 D) 1 right angle, 2 obtuse angles
8. [MA4CA02 H] Name all the angles. [View Image](#)  
 B) 2 acute angles, 2 obtuse angles  
 C) 4 acute angles  
 D) 4 obtuse angles
9. [MA4CA02 I] Name all the angles. [View Image](#)  
 C) 2 right angles, 3 obtuse angles  
 D) 2 right angles, 3 acute angles
10. [MA4CA02 J] Name all the angles. [View Image](#)  
 D) 6 obtuse angles
11. [MA4CA02 K] Name all the angles. [View Image](#)  
 A) 4 right angles  
 B) 4 acute angles  
 C) 4 obtuse angles  
 D) 2 acute angles, 2 obtuse angles
12. [MA4CA02 L] Name all the angles. [View Image](#)  
 D) 3 acute angles
13. [MA4CA02 M] How many acute angles are in this shape? [View Image](#)  
 A) 0



- B) 3
- C) 5
- D) 6

14. [MA4CA02 N] How many acute angles are in this shape?

[View Image](#)

- A) 0
- B) 1



- C) 2
- D) 4

15. [MA4CA02 O] How many obtuse angles are in this shape?

[View Image](#)

- A) 2
- B) 3
- C) 4



- D) 5

16. [MA4CA02 P] How many obtuse angles are in this shape?

[View Image](#)

- A) 2
- B) 4
- C) 6



- D) 8

17. [MA4CA02 Q] How many right angles are in this shape?

[View Image](#)

- A) 0
- B) 1



- C) 2

- D) 3

18. [MA4CA02 R] How many right angles are in this shape?

[View Image](#)

- A) 2
- B) 3



- C) 4

- D) 5

19. [MA4CA02 S] Which shapes always have 4 right angles?

- A) triangles and squares
- B) circles and hexagons



- C) squares and rectangles

- D) trapezoid and rectangles

20. [MA4CA02 T] Which shape may **not** have more than 1 right angle?

- A) rectangle



- B) triangle

- C) square

- D) rhombus

**Questions and Responses**

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**Activity Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Exploring Angles as a Series of One-Degree Turns

1. [AQMA4042 AQ4MA\_AQMA4042\_01]

A water sprinkler rotates a total of 100 degrees. How many one-degree turns has the sprinkler made?

- A) 200 one-degree turns
- B) 101 one-degree turns
- C) 100 one-degree turns
- D) 50 one-degree turns

2. [AQMA4042 AQ4MA\_AQMA4042\_02]

A knob rotates a total of 35 degrees. How many one-degree turns has the knob made?

- A) 36 one-degree turns
- B) 40 one-degree turns
- C) 34 one-degree turns
- D) 35 one-degree turns

3. [AQMA4042 AQ4MA\_AQMA4042\_03]

What is the measure of an angle that turns through 70 one-degree turns?

- A) 71 degrees
- B) 70 degrees
- C) 69 degrees
- D) 140 degrees

4. [AQMA4042 AQ4MA\_AQMA4042\_04]

A wheel makes a total of 180 one-degree turns. What is the measure of the angle?

- A) 181 degrees
- B) 1 degree
- C) 80 degrees
- D) 180 degrees

5. [AQMA4042 AQ4MA\_AQMA4042\_05]

An angle measures 160 degrees. How many one-degree turns does the angle make?

- A) 160
- B) 161
- C) 1
- D) 100

## Questions and Responses



### Activity Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Drawing Angles

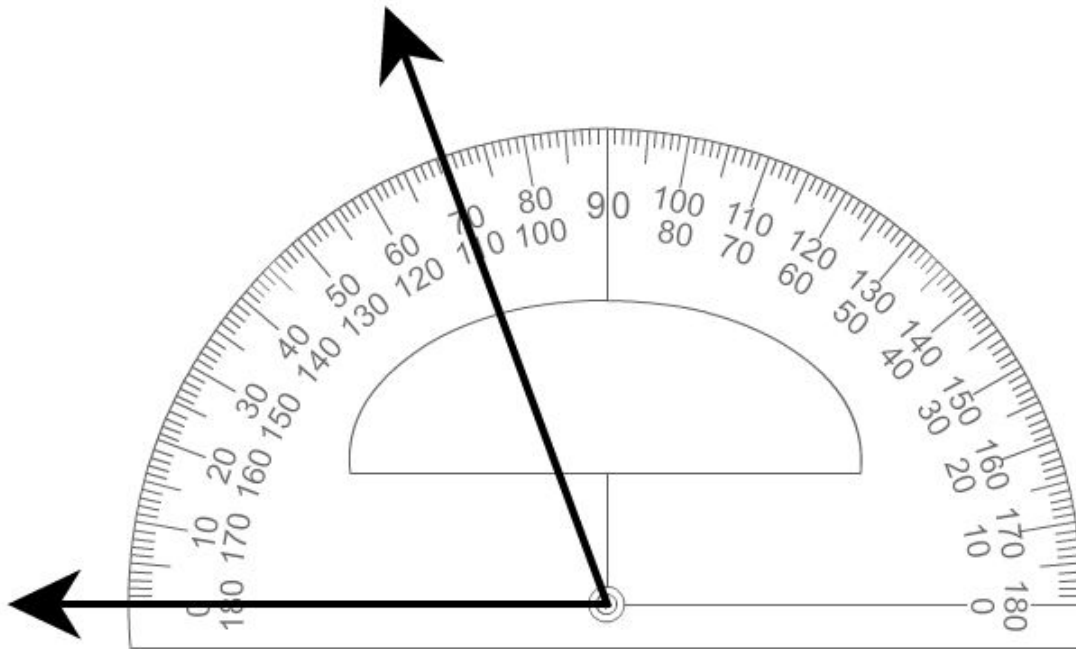
1. [AQMA4044 AQ4MA\_AQMA4044\_01]

What tool would help you draw an angle of a specified measure?

- A) compass
- B) protractor
- C) ruler
- D) calculator

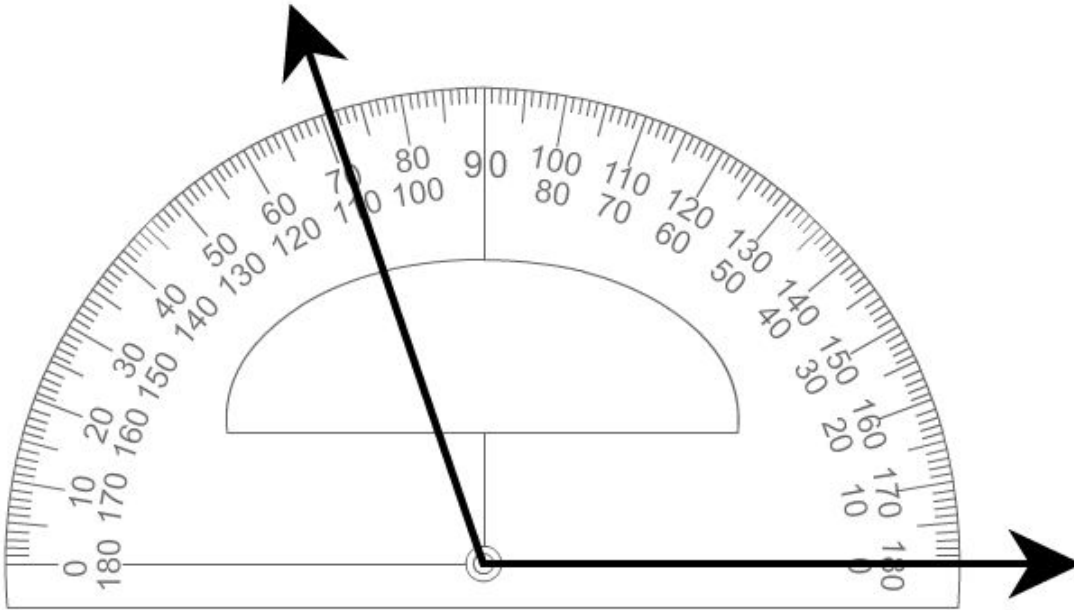
2. [AQMA4044 AQ4MA\_AQMA4044\_02]

Sarah measured the angle below using her protractor. She said the angle measure is  $110^\circ$ . Explain what Sarah did wrong in measuring the angle.



- A) Sarah did not use the correct tool in measuring the angle.
  - B) Sarah read the wrong set of numbers on the protractor.
  - C) Sarah did not place the center point of the protractor on the vertex of the angle.
  - D) Sarah's measurement of the angle is correct.
3. [AQMA4044 AQ4MA\_AQMA4044\_03]

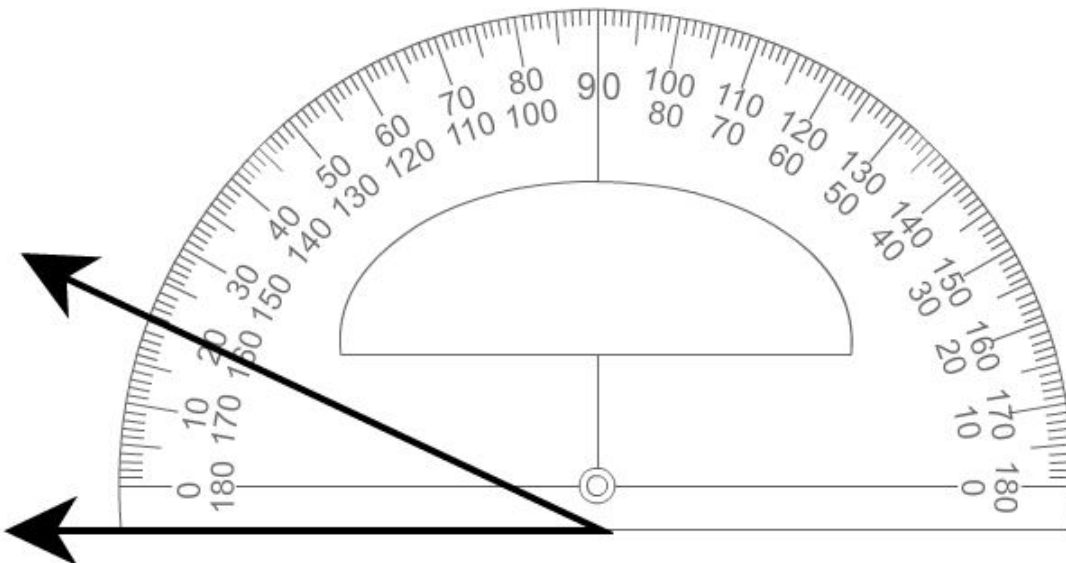
Daniel made an error as he measured the angle below with his protractor. He said the angle measure is  $71^\circ$ . What is the correct measure of the angle?



- A)  $71^\circ$
- B)  $109^\circ$
- C)  $111^\circ$
- D)  $89^\circ$

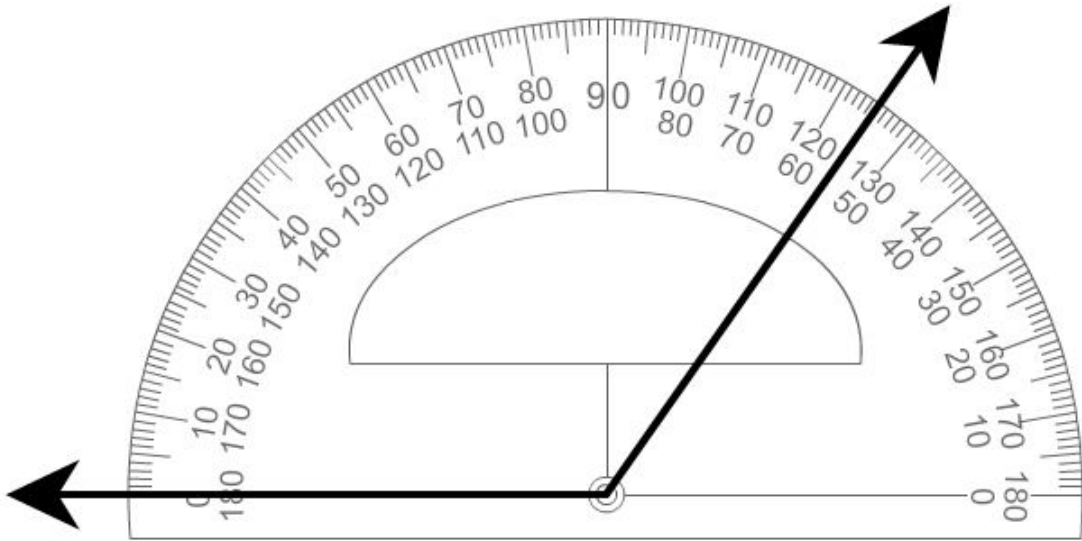
4. [AQMA4044 AQ4MA\_AQMA4044\_04]

What did Ricardo do incorrectly as he measured the angle below?



- A) He read the wrong numbers on the protractor.
  - B) He used the wrong tool to measure the angle.
  - C) He did not place the center point of the protractor on the vertex of the angle.
  - D) He drew the angle incorrectly.
5. [AQMA4044 AQ4MA\_AQMA4044\_05]

Marisa made an error as she measured the angle below with her protractor. She said the angle measure is  $135^\circ$ . What is the correct measure of the angle?



- A) 135°
- B) 65°
- C) 125°
- D) 55°

Questions and Responses

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Activity Quiz

Date: 3/5/2021

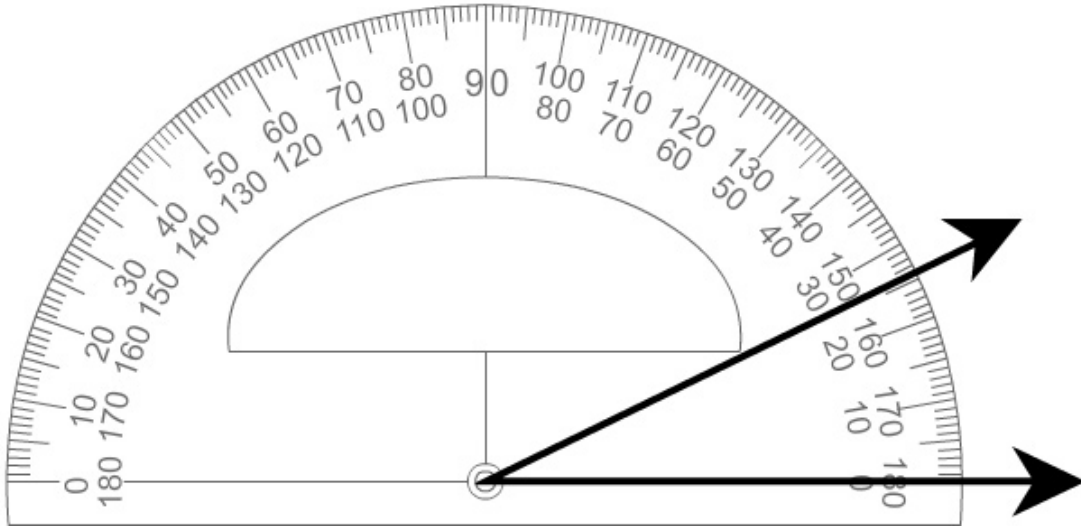
Subject: Math

Level: 4

Activity: Activity Quiz: Measuring Acute Angles

1. [AQMA4043A AQ4MA\_AQMA4043A\_01]

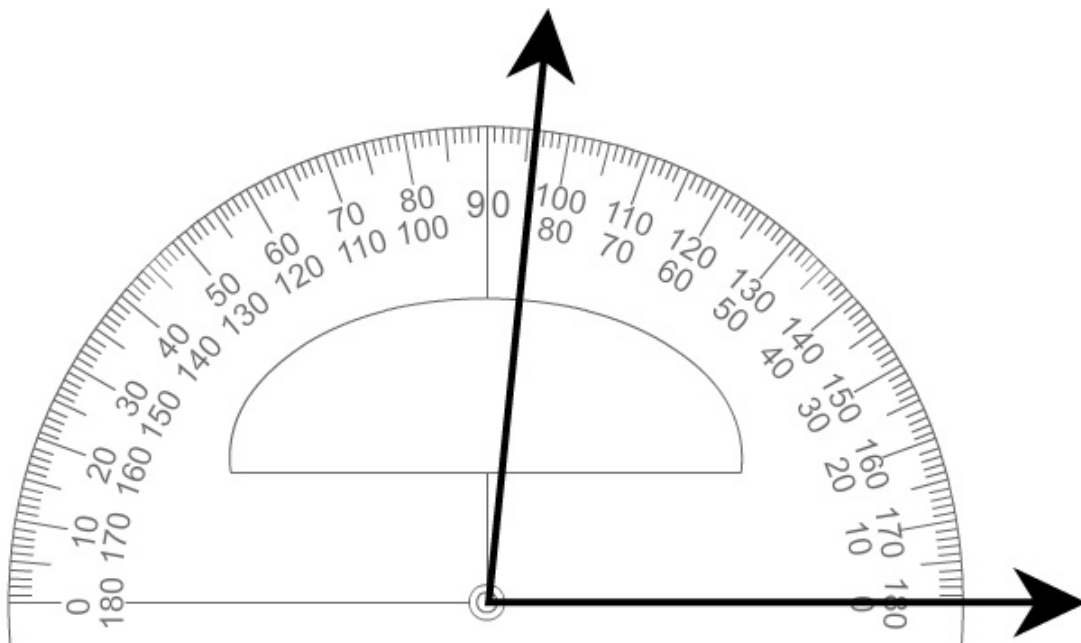
What is the measure of the angle below to the nearest degree?



- A) 26°
- B) 24°
- C) 154°
- D) 166°

2. [AQMA4043A AQ4MA\_AQMA4043A\_02]

Aiden determined that the measure of the angle below is 96°. Aiden's classmates don't agree with his measurement. What is the correct measurement of the angle?

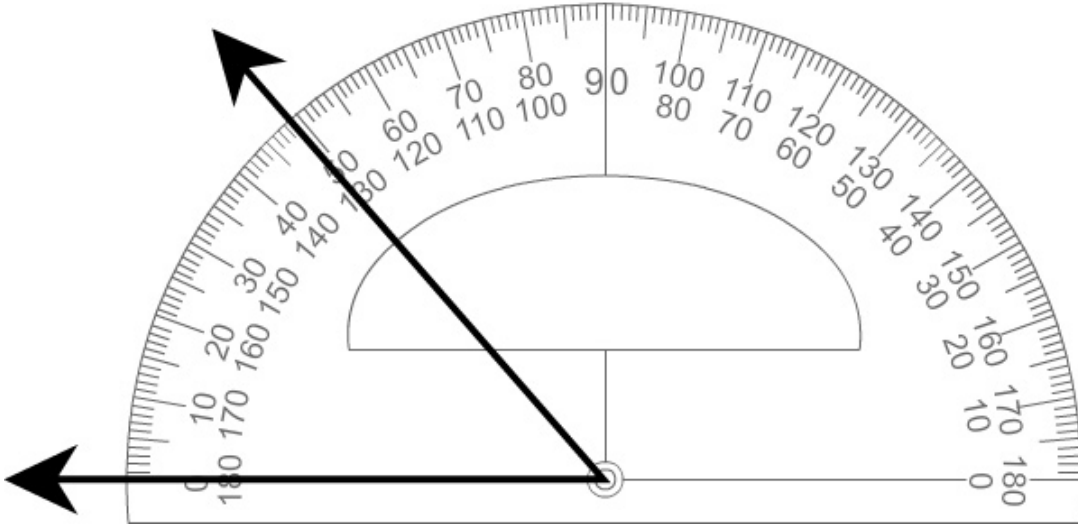


A) 96°

- B) 94°  
 C) 104°  
 D) 84°

3. [AQMA4043A AQ4MA\_AQMA4043A\_03]

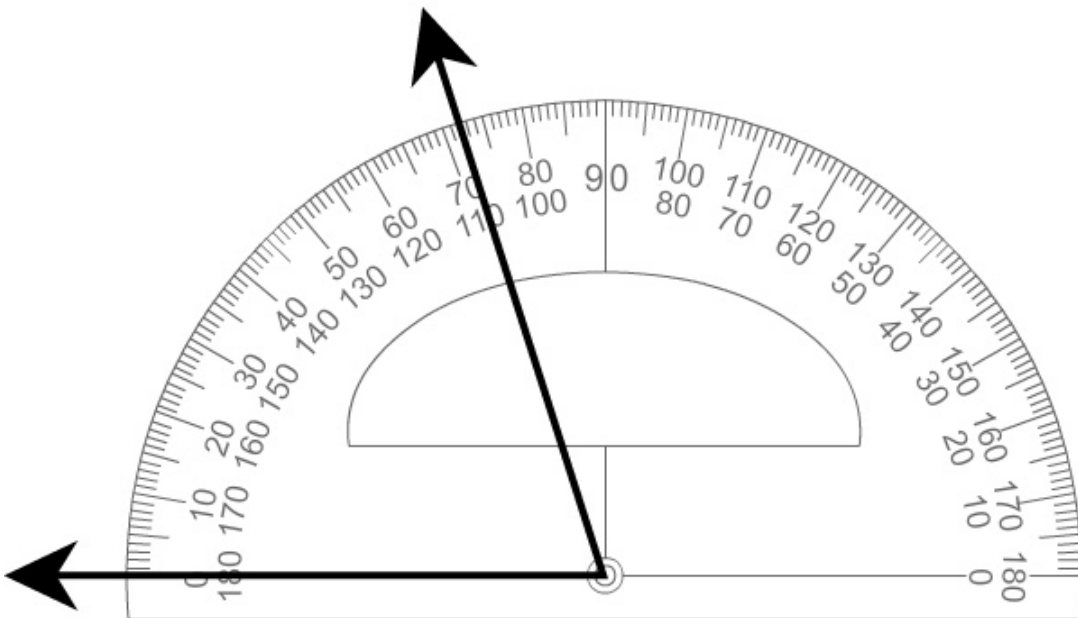
What is the measure of the angle below to the nearest degree?



- A) 149°  
 B) 131°  
 C) 51°  
 D) 49°

4. [AQMA4043A AQ4MA\_AQMA4043A\_04]

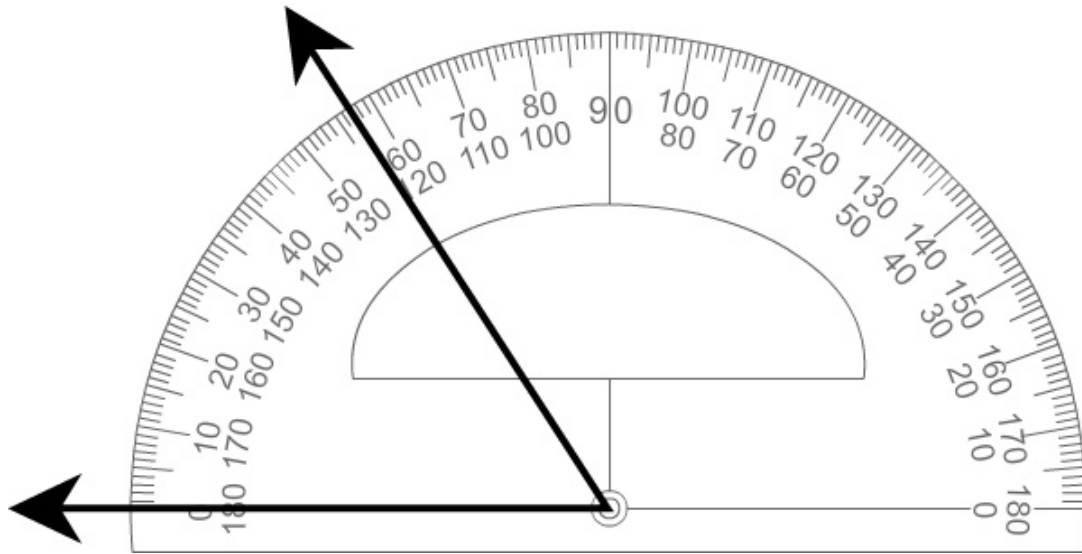
What is the measure of the angle below to the nearest degree?



- A) 108°  
 B) 88°  
 C) 72°  
 D) 112°

5. [AQMA4043A AQ4MA\_AQMA4043A\_05]

Diego measured the angle below. He measured it to be 123°. Determine the correct measurement of the angle.



- A) 63°
- B) 57°
- C) 137°
- D) 123°

## Questions and Responses

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## Activity Quiz

Date: 3/5/2021

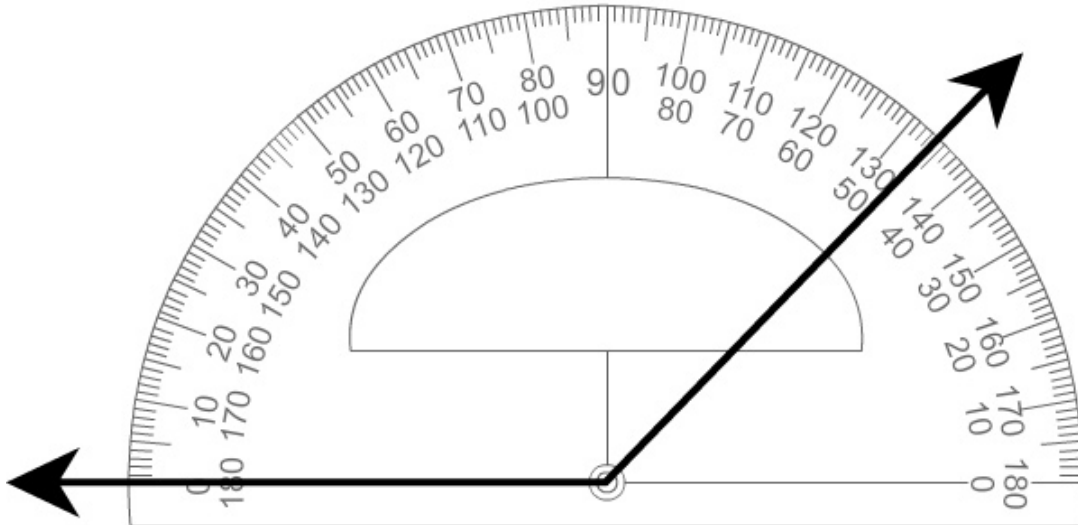
Subject: Math

Level: 4

Activity: Activity Quiz: Measuring Obtuse Angles

1. [AQMA4043B AQ4MA\_AQMA4043B\_01]

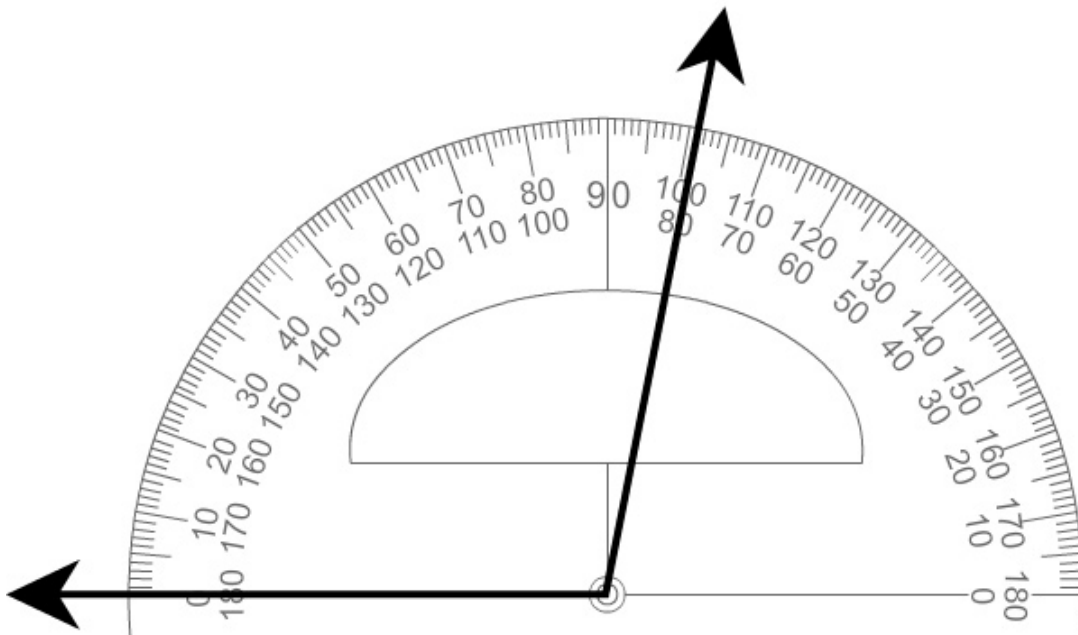
What is the measure of the angle below to the nearest degree?



- A) 134°
- B) 46°
- C) 146°
- D) 54°

2. [AQMA4043B AQ4MA\_AQMA4043B\_02]

What is the measure of the angle below to the nearest degree?

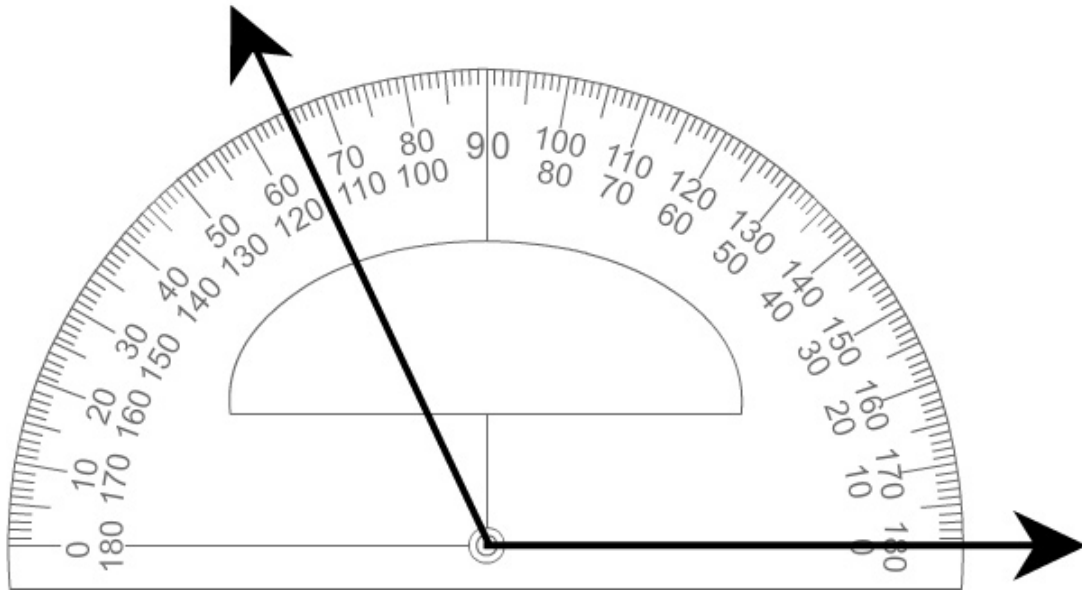


- A) 81°
- B) 79°
- C) 99°
- D) 101°

3. [AQMA4043B AQ4MA\_AQMA4043B\_03]

Sarah determined that the measure of the angle below is 65°. Sarah's

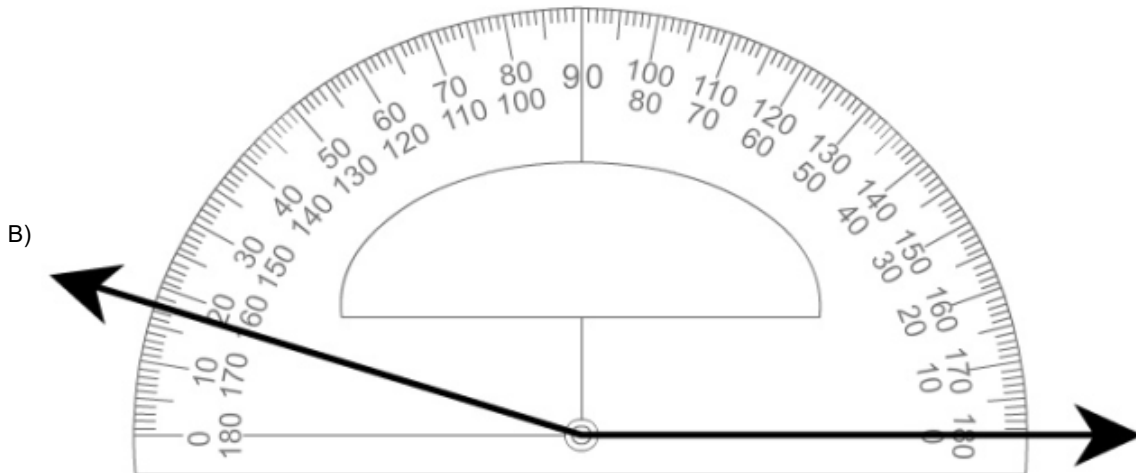
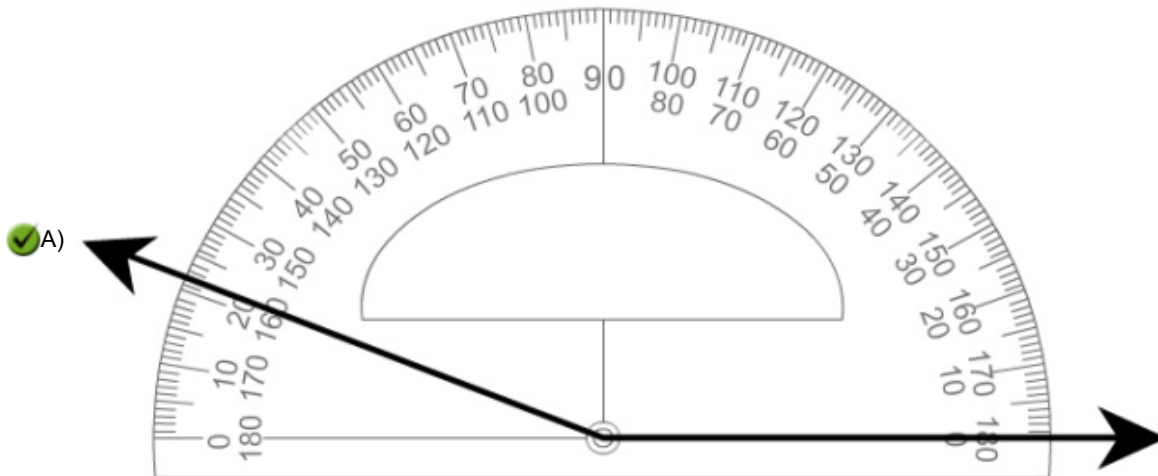
classmates don't agree with her measurement. What is the correct measurement of the angle?



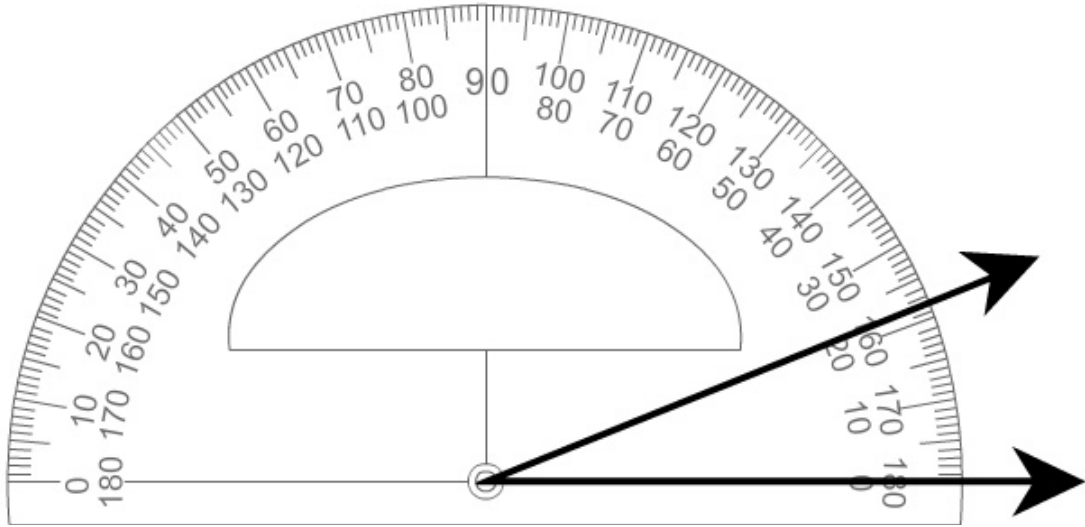
- A) 75°
- B) 65°
- C) 115°
- D) 120°

4. [AQMA4043B AQ4MA\_AQMA4043B\_04]

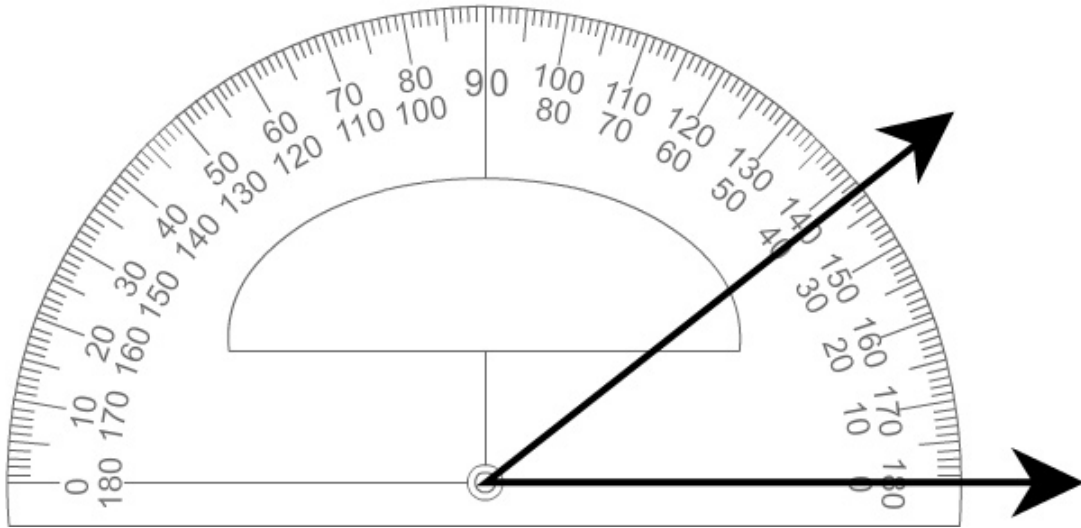
Which angle below has a measure of 158°?



C)

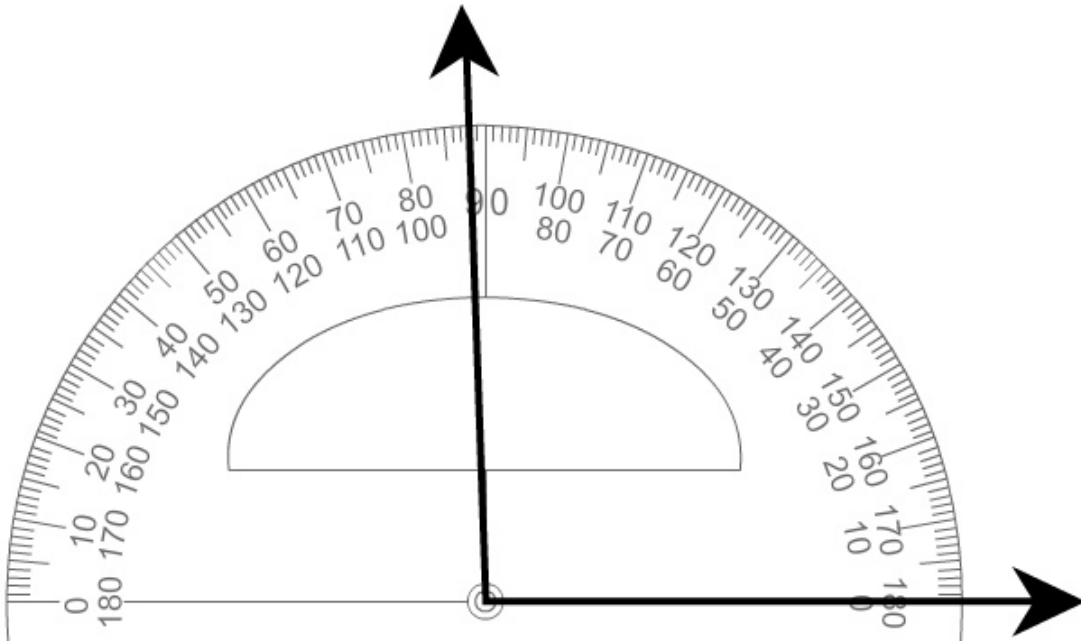


D)



5. [AQMA4043B AQ4MA\_AQMA4043B\_05]

Juliet measured the angle below. She measured it to be  $88^\circ$ . Determine the correct measurement of the angle.



- A)  $88^\circ$
- B)  $92^\circ$
- C)  $108^\circ$
- D)  $98^\circ$

**Questions and Responses**

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**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Attributes of Polygons #(3500)

1. [MA4CA03 HSLQ\_MA4CA03\_A]

A closed figure made of line segments is a \_\_\_\_\_.

- A) polygon
- B) circle
- C) line
- D) round

2. [MA4CA03 HSLQ\_MA4CA03\_B]

A polygon with all sides the same length and all angles the same measure is a \_\_\_\_\_ polygon.

- A) standard
- B) regular
- C) similar
- D) congruent

3. [MA4CA03 HSLQ\_MA4CA03\_C]

Which of the following is NOT a polygon?

- A) triangle
- B) square
- C) circle
- D) rectangle

4. [MA4CA03 HSLQ\_MA4CA03\_D]

Which of the following is a regular polygon?

- A) square
- B) rhombus
- C) rectangle
- D) hexagon

5. [MA4CA03 HSLQ\_MA4CA03\_E]

Name the figure.



- A) regular polygon
- B) closed figure
- C) square
- D) rhombus

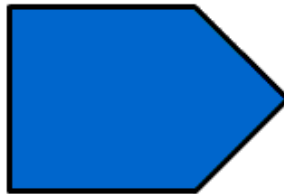
6. [MA4CA03 HSLQ\_MA4CA03\_F]

Name the figure.



- A) regular polygon
  - B) closed figure
  - C) square
  - D) all of the above
7. [MA4CA03 HSLQ\_MA4CA03\_G]

How many vertices does this figure have?



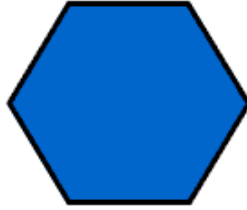
- A) 1
  - B) 3
  - C) 4
  - D) 5
8. [MA4CA03 HSLQ\_MA4CA03\_H]

Name the figure.



- A) trapezoid
  - B) rhombus
  - C) rectangle
  - D) parallelogram
9. [MA4CA03 HSLQ\_MA4CA03\_I]

Name the figure.



- A) regular pentagon  
 B) regular hexagon  
 C) trapezoid  
 D) open figure
10. [MA4CA03 HSLQ\_MA4CA03\_J]

Name the figure.



- A) regular polygon  
 B) rhombus  
 C) parallelogram  
 D) none of the above
11. [MA4CA03 HSLQ\_MA4CA03\_K]

Which shapes must have 4 right angles?

- A) squares and rhombi  
 B) squares and rectangles  
 C) quadrilaterals and trapezoids  
 D) trapezoids and rectangles
12. [MA4CA03 HSLQ\_MA4CA03\_L]

Which shapes have 4 sides and 4 vertices?

- A) trapezoids  
 B) rhombi  
 C) parallelograms  
 D) all of the above
13. [MA4CA03 HSLQ\_MA4CA03\_M]

Which shape does NOT have 2 sets of parallel sides?

- A) trapezoid  
 B) rhombus  
 C) parallelogram  
 D) square
14. [MA4CA03 HSLQ\_MA4CA03\_N]

Which shape is also a parallelogram?

- A) rhombus  
 B) rectangle  
 C) square  
 D) all of the above
15. [MA4CA03 HSLQ\_MA4CA03\_O]

Select the TRUE statement.

- A) All polygons are the same size.

- B) Line segments make up the sides of a polygon.  
 C) A polygon must have equal sides.  
 D) A regular polygon must have a pair of parallel sides.
16. [MA4CA03 HSLQ\_MA4CA03\_P]

In a polygon, a(n) \_\_\_\_\_ is formed when 2 sides meet.

- A) edge  
 B) face  
 C) square  
 D) angle
17. [MA4CA03 HSLQ\_MA4CA03\_Q]

Select the FALSE statement.

- A) A regular polygon may be a pentagon.  
 B) A polygon may be a regular pentagon.  
 C) A polygon may be an open figure.  
 D) A pentagon has 5 sides.
18. [MA4CA03 HSLQ\_MA4CA03\_R]



Another name for this rhombus is \_\_\_\_\_.

- A) pentagon  
 B) trapezoid  
 C) quadrilateral  
 D) square
19. [MA4CA03 HSLQ\_MA4CA03\_S]

How many sides make up this shape?



- A) 4  
 B) 5  
 C) 6  
 D) 7
20. [MA4CA03 HSLQ\_MA4CA03\_T]

The point at which two sides of a polygon meet is called a(n)

- \_\_\_\_\_.
- A) segment  
 B) face  
 C) edge  
 D) vertex

## Questions and Responses

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## Activity Quiz

Date: 3/5/2021

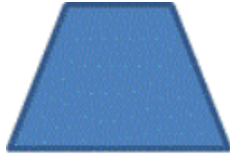
Subject: Math

Level: 4

Activity: Activity Quiz: Lines and Angles Found in Shapes

1. [AQG018 AQ4MA\_AQG018\_01]

What is the name of the quadrilateral shown here?



- A) parallelogram
- B) rhombus
- C) rectangle
- D) trapezoid

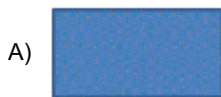
2. [AQG018 AQ4MA\_AQG018\_02]

Which of the following shapes ALWAYS has four right angles?

- A) trapezoid
- B) rectangle
- C) parallelogram
- D) quadrilateral

3. [AQG018 AQ4MA\_AQG018\_03]

Which of the following shapes is a rhombus?



4. [AQG018 AQ4MA\_AQG018\_04]

Which of the following shapes ALWAYS has 4 sides that are equal in length?

- A) rhombus
- B) parallelogram
- C) quadrilateral
- D) trapezoid

5. [AQG018 AQ4MA\_AQG018\_05]

Which of the following is TRUE about ALL parallelograms?

- A) All sides have the same length.
- B) All of the angles are right angles.

- C) Both pairs of opposite sides are parallel.
- D) One pair of opposite sides are parallel.

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Attributes of Triangles #(3502)

1. [MA4CA04 A] An obtuse triangle has \_\_\_\_\_.  
 A) 1 obtuse angle and 2 acute angles  
 B) 1 obtuse angle, 1 right angle, and 1 acute angle  
 C) 2 obtuse angles and 1 acute angle  
 D) 3 obtuse angles
2. [MA4CA04 B] An acute triangle has \_\_\_\_\_.  
 A) 1 right angle and 2 acute angles  
 B) 1 obtuse angle, 1 right angle, and 1 acute angle  
 C) 2 acute angles and 1 obtuse angle  
 D) 3 acute angles
3. [MA4CA04 C] A right triangle has \_\_\_\_\_.  
 A) 1 right angle and 2 acute angles  
 B) 2 right angles and 1 acute angle  
 C) 2 acute angles and 1 obtuse angle  
 D) 3 acute angles
4. [MA4CA04 D] Name the triangle. [View Image](#)  
 A) acute triangle  
 B) right triangle  
 C) obtuse triangle  
 D) equilateral triangle
5. [MA4CA04 E] Name the triangle. [View Image](#)  
 A) acute triangle  
 B) equilateral triangle  
 C) obtuse triangle  
 D) right triangle
6. [MA4CA04 F] Name the triangle. [View Image](#)  
 A) acute triangle  
 B) right triangle  
 C) obtuse triangle  
 D) scalene triangle
7. [MA4CA04 G] An equilateral triangle has \_\_\_\_\_.  
 A) 0 equal angles  
 B) 0 equal side lengths  
 C) 2 equal side lengths  
 D) 3 equal side lengths
8. [MA4CA04 H] An isosceles triangle has \_\_\_\_\_.  
 A) 0 equal angles  
 B) 0 equal side lengths  
 C) 2 equal side lengths  
 D) 3 equal side lengths
9. [MA4CA04 I] A scalene triangle has \_\_\_\_\_.  
 A) 0 equal side lengths  
 B) 2 equal angles  
 C) 2 equal side lengths  
 D) 3 equal side lengths
10. [MA4CA04 J] Name the triangle. [View Image](#)  
 A) equilateral triangle  
 B) isosceles triangle  
 C) right triangle  
 D) scalene triangle
11. [MA4CA04 K] Name the triangle. [View Image](#)  
 A) equilateral triangle  
 B) isosceles triangle  
 C) obtuse triangle  
 D) scalene triangle
12. [MA4CA04 L] Name the triangle. [View Image](#)  
 A) equilateral triangle  
 B) isosceles triangle  
 C) right triangle  
 D) scalene triangle
13. [MA4CA04 M] Which triangle has 3 angles that measure less than a right angle?  
 A) right triangle

- B) acute triangle  
C) obtuse triangle
14. [MA4CA04 N] Which triangle has 1 angle that measures more than a right angle?  
A) right triangle  
B) acute triangle  
 C) obtuse triangle
15. [MA4CA04 O] Which triangle has 3 equal sides?  
 A) equilateral triangle  
B) isosceles triangle  
C) scalene triangle
16. [MA4CA04 P] Which triangle has 2 equal sides?  
A) equilateral triangle  
 B) isosceles triangle  
C) scalene triangle
17. [MA4CA04 Q] Which triangle has 0 equal sides?  
A) equilateral triangle  
B) isosceles triangle  
 C) scalene triangle
18. [MA4CA04 R] An equilateral triangle has 3 equal sides and 3 \_\_\_\_\_.  
 A) acute angles  
B) obtuse angles  
C) right angles
19. [MA4CA04 S] Triangles can be named according to their \_\_\_\_\_.  
A) shape  
 B) sides  
C) color  
D) height
20. [MA4CA04 T] Triangles can be named according to their \_\_\_\_\_.  
 A) angles  
B) shape  
C) color  
D) height

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Attributes of Circles #(3505)

1. [MA4CA05 A] A point that is the same distance from all points on the circle is the \_\_\_\_\_ of the circle.
  - A) center
  - B) radius
  - C) diameter
  - D) middle
2. [MA4CA05 B] A line segment that goes through the center of a circle with endpoints that are on the circle is the \_\_\_\_\_.
  - A) center
  - B) radius
  - C) diameter
  - D) ray
3. [MA4CA05 C] A line segment from the center of the circle to any point on the circle is the \_\_\_\_\_.
  - A) center
  - B) radius
  - C) diameter
  - D) ray
4. [MA4CA05 D] The center of the circle is \_\_\_\_\_. [View Image](#)
  - A) point S
  - B) point T
  - C) point R
  - D) point U
5. [MA4CA05 E] A radius of the circle is \_\_\_\_\_. [View Image](#)
  - A) line segment TU
  - B) line segment UT
  - C) line segment SU
  - D) line segment RU
6. [MA4CA05 F] The diameter of the circle is \_\_\_\_\_. [View Image](#)
  - A) line segment RT
  - B) line segment TU
  - C) line segment RU
  - D) line segment TS
7. [MA4CA05 G] Line segment XY is the \_\_\_\_\_. [View Image](#)
  - A) center
  - B) radius
  - C) diameter
  - D) arc
8. [MA4CA05 H] Line segment UZ is the \_\_\_\_\_. [View Image](#)
  - A) center
  - B) radius
  - C) diameter
  - D) arc
9. [MA4CA05 I] Point Y is the \_\_\_\_\_ of the circle. [View Image](#)
  - A) center
  - B) radius
  - C) diameter
  - D) arc
10. [MA4CA05 J] Point Y is the center of the circle. Which line segment is congruent to line segment XY? [View Image](#)
  - A) line segment UZ
  - B) line segment ZU
  - C) line segments ZU and YZ
  - D) line segments UY and ZY
11. [MA4CA05 K] Point Y is the center of the circle. Which line segment is congruent to line segment UZ? [View Image](#)
  - A) line segment UY
  - B) line segment XW
  - C) line segments ZU and YZ
  - D) line segments UY and WX
12. [MA4CA05 L] If radius TR equals 3 inches, what is the length of line segment TU? [View Image](#)
  - A) 4 inches

- B) 5 inches  
✓ C) 6 inches  
D) 9 inches
13. [MA4CA05 M] Diameter TU equals 10 centimeters. What is the length of the radius? [View Image](#)  
✓ A) 5 centimeters  
B) 10 centimeters  
C) 15 centimeters  
D) 20 centimeters
14. [MA4CA05 N] Point R is the center of this circle. The radius is 12 centimeters. What is the distance from point R to point S? [View Image](#)  
A) 6 centimeters  
B) 9 centimeters  
✓ C) 12 centimeters  
D) 18 centimeters
15. [MA4CA05 O] Point R is the center of this circle. The diameter is 2 inches. What is the length of line segment RU? [View Image](#)  
A) 4 inches  
B) 3 inches  
C) 2 inches  
✓ D) 1 inch
16. [MA4CA05 P] A circle has a radius of 2 feet. What is the diameter?  
A) 1 foot  
B) 2 feet  
C) 2 square feet  
✓ D) 4 feet
17. [MA4CA05 Q] A circle has a radius of 1 meter. What is the diameter?  
A)  $\frac{1}{2}$  meter  
B) 1 meter  
✓ C) 2 meters  
D) 4 meters
18. [MA4CA05 R] A circle has a diameter of 8 inches. What is the radius?  
A) 16 inches  
B) 8 inches  
✓ C) 4 inches  
D) 2 inches
19. [MA4CA05 S] A circle has a diameter of 50 centimeters. What is the radius?  
A) 100 centimeters  
B) 75 centimeters  
✓ C) 25 centimeters  
D) 10 centimeters
20. [MA4CA05 T] A pie is cut into 8 equal pieces. How many diameter cuts were made?  
A) 10  
B) 8  
C) 6  
✓ D) 4

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Attributes of Solids #(3506)

1. [MA4CA06 A] Another name for a three-dimensional shape is a \_\_\_\_\_.  
 A) solid figure  
 B) plane figure  
 C) polygon  
 D) flat figure
2. [MA4CA06 B] The flat part of a solid is called a(n) \_\_\_\_\_.  
 A) edge  
 B) face  
 C) vertex  
 D) side
3. [MA4CA06 C] The line segment where two faces meet in a solid is called a(n) \_\_\_\_\_.  
 A) edge  
 B) face  
 C) vertex  
 D) side
4. [MA4CA06 D] The point where two edges meet in a solid or the tip of a cone is called a(n) \_\_\_\_\_.  
 A) edge  
 B) face  
 C) vertex  
 D) side
5. [MA4CA06 E] Which solid does not have at least 1 vertex?  
 A) cone  
 B) cube  
 C) cylinder  
 D) pyramid
6. [MA4CA06 F] Which solid does not have at least 1 face or base?  
 A) cone  
 B) sphere  
 C) cube  
 D) cylinder
7. [MA4CA06 G] This net represents a \_\_\_\_\_. [View Image](#)  
 A) square pyramid  
 B) triangular pyramid  
 C) cone  
 D) sphere
8. [MA4CA06 H] This net represents a \_\_\_\_\_. [View Image](#)  
 A) triangular pyramid  
 B) cube  
 C) rectangular prism  
 D) square pyramid
9. [MA4CA06 I] This net represents a \_\_\_\_\_. [View Image](#)  
 A) cube  
 B) triangular prism  
 C) square pyramid  
 D) cylinder
10. [MA4CA06 J] How many edges does this solid have? [View Image](#)  
 A) 8  
 B) 12  
 C) 14  
 D) 16
11. [MA4CA06 K] How many faces does this solid have? [View Image](#)  
 A) 1  
 B) 4  
 C) 5  
 D) 6
12. [MA4CA06 L] How many vertices does this solid have? [View Image](#)  
 A) 2  
 B) 4  
 C) 5  
 D) 6
13. [MA4CA06 M] This net represents a \_\_\_\_\_ [View Image](#)

- A) triangular prism  
B) triangular pyramid  
C) square pyramid  
D) cone
14. [MA4CA06 N] This net represents a \_\_\_\_\_. [View Image](#)  
A) cube  
 B) rectangular prism  
C) cone  
D) square pyramid
15. [MA4CA06 O] This net represents a \_\_\_\_\_. [View Image](#)  
A) cube  
B) cone  
 C) cylinder  
D) sphere
16. [MA4CA06 P] Which solid figure has 6 square faces?  
A) rectangular prism  
B) square pyramid  
C) cone  
 D) cube
17. [MA4CA06 Q] Which solid figures have at least 1 circular base?  
 A) cylinders and cones  
B) cones and cubes  
C) spheres and cones  
D) cylinders and spheres
18. [MA4CA06 R] Which solid figure has 4 triangular faces?  
A) triangular prism  
 B) triangular pyramid  
C) cone  
D) square pyramid
19. [MA4CA06 S] A 2-dimensional representation of a solid is called a \_\_\_\_\_.  
A) outline  
B) model  
 C) net  
D) polygon
20. [MA4CA06 T] Which solid figures have faces?  
 A) prisms and pyramids  
B) cones and cubes  
C) spheres and cones  
D) cylinders and spheres

## Questions and Responses



### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Properties of Shapes #(605)

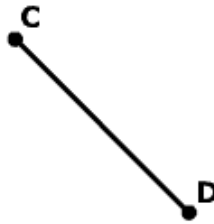
1. [MA4CA HSCT\_MA4CA\_01A]

A set of points that continues in both directions is called a \_\_\_\_\_.

- A) point
- B) line
- C) line segment
- D) ray

2. [MA4CA HSCT\_MA4CA\_02A]

Name the figure.



- A) line CD
  - B) line segment D
  - C) line segment DC
  - D) ray CD
3. [MA4CA HSCT\_MA4CA\_03A]

A part of a line with one endpoint that continues in one direction is called a(n) \_\_\_\_\_.

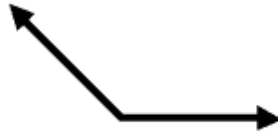
- A) point
  - B) line
  - C) angle
  - D) ray
4. [MA4CA HSCT\_MA4CA\_04A]

Name the figure.



- A) angle BAC
  - B) angle ABC
  - C) angle CBA
  - D) angle ABC or angle CBA
5. [MA4CA HSCT\_MA4CA\_05A]

Name the angle.



- A) acute  
 B) right  
 C) obtuse  
 D) straight
6. [MA4CA HSCT\_MA4CA\_06A]

Name all the angles.



- A) 3 acute angles, 2 right angles  
 B) 2 acute angles, 3 right angles  
 C) 2 right angles, 2 obtuse angles, 1 acute angle  
 D) 2 obtuse angles, 2 acute angles, 1 right angle
7. [MA4CA HSCT\_MA4CA\_07A]

How many acute angles does this shape have?



- A) 1  
 B) 2  
 C) 3  
 D) 4
8. [MA4CA HSCT\_MA4CA\_08A]

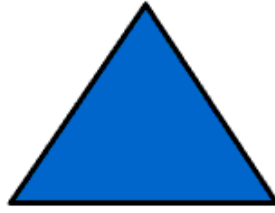
Name the figure.



- A) rectangle  
 B) parallelogram

- C) regular polygon  
 D) trapezoid  
 9. [MA4CA HSCT\_MA4CA\_09A]

Name the figure.



- A) closed figure  
 B) polygon  
 C) plane figure  
 D) all of the above  
 10. [MA4CA HSCT\_MA4CA\_10A]

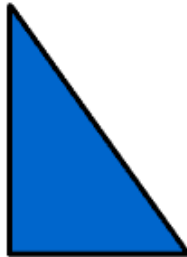
Which quadrilateral has 2 sets of parallel sides and 4 equal sides?

- A) rectangle  
 B) trapezoid  
 C) rhombus  
 D) parallelogram  
 11. [MA4CA HSCT\_MA4CA\_11A]

An obtuse triangle has \_\_\_\_\_.

- A) 1 obtuse angle and 2 acute angles  
 B) 1 obtuse angle and 2 right angles  
 C) 2 obtuse angles and 1 right angle  
 D) 3 obtuse angles  
 12. [MA4CA HSCT\_MA4CA\_12A]

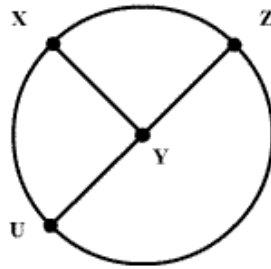
Name the triangle.



- A) acute triangle  
 B) right triangle  
 C) isosceles triangle  
 D) obtuse triangle  
 13. [MA4CA HSCT\_MA4CA\_13A]

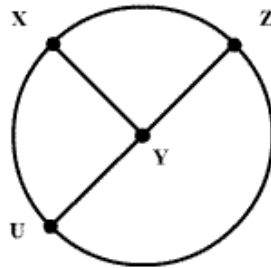
Which triangle has 3 equal sides?

- A) right triangle  
 B) isosceles triangle  
 C) equilateral triangle  
 D) scalene triangle  
 14. [MA4CA HSCT\_MA4CA\_14A]



If line segment UZ is the diameter of the circle, point Y is the \_\_\_\_\_.

- A) center
  - B) radius
  - C) middle
  - D) ray
15. [MA4CA HSCT\_M4CA\_15A]



If point Y is the center, then line segment ZU is the \_\_\_\_\_ of the circle.

- A) center
  - B) radius
  - C) middle
  - D) diameter
16. [MA4CA HSCT\_M4CA\_16A]

A circle has a diameter of 50 centimeters. What is the radius?

- A) 100 centimeters
  - B) 75 centimeters
  - C) 25 centimeters
  - D) 10 centimeters
17. [MA4CA HSCT\_M4CA\_17A]

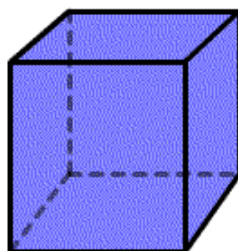
A circle has a radius of 4 feet. What is the diameter?

- A) 2 feet
  - B) 6 feet
  - C) 8 feet
  - D) 10 feet
18. [MA4CA HSCT\_M4CA\_18A]

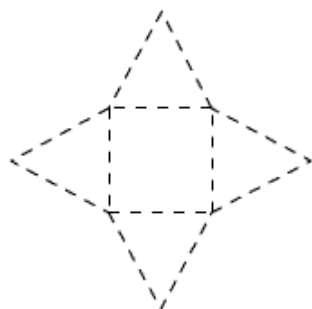
The flat part of a solid is called a(n) \_\_\_\_\_.

- A) face
  - B) side
  - C) edge
  - D) vertex
19. [MA4CA HSCT\_M4CA\_19A]

How many edges does a rectangular prism have?



- A) 8  
 B) 12  
 C) 14  
 D) 16  
 20. [MA4CA HSCT\_MA4CA\_20A]



If this net is folded, it will form a \_\_\_\_\_.

- A) triangular prism  
 B) triangular pyramid  
 C) square pyramid  
 D) cone  
 21. [MA4CA HSCT\_MA4CA\_01B]

A part of a line with 2 endpoints is called a \_\_\_\_\_.

- A) point  
 B) line  
 C) line segment  
 D) ray  
 22. [MA4CA HSCT\_MA4CA\_02B]

Name the figure.



- A) line F  
 B) line FG  
 C) line segment FG  
 D) ray FG  
 23. [MA4CA HSCT\_MA4CA\_03B]

Two rays that share an endpoint are a(n) \_\_\_\_\_.

- A) point  
 B) line  
 C) angle  
 D) ray  
 24. [MA4CA HSCT\_MA4CA\_04B]

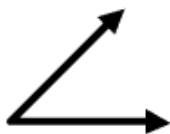
Name the figure.



- A) line CD

- B) ray CD  
 C) ray DC  
 D) line segment DC
25. [MA4CA HSCT\_MA4CA\_05B]

Name the angle.



- A) acute  
 B) right  
 C) obtuse  
 D) straight
26. [MA4CA HSCT\_MA4CA\_06B]

Name all the angles.



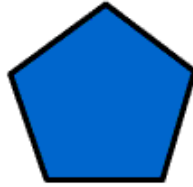
- A) 2 acute angles, 2 right angles  
 B) 2 acute angles, 2 obtuse angles  
 C) 1 obtuse angle, 2 acute angles  
 D) 2 obtuse angles, 1 acute angle, 1 right angle
27. [MA4CA HSCT\_MA4CA\_07B]

How many right angles does this shape have?



- A) 0  
 B) 1  
 C) 2  
 D) 3
28. [MA4CA HSCT\_MA4CA\_08B]

Name the figure.



- A) polygon  
 B) pentagon  
 C) regular pentagon  
 D) all of the above
29. [MA4CA HSCT\_MA4CA\_09B]

Name the figure.



- A) polygon  
 B) regular polygon  
 C) quadrilateral  
 D) none of the above
30. [MA4CA HSCT\_MA4CA\_10B]

Which quadrilateral has only 1 set of parallel sides?

- A) trapezoid  
 B) rectangle  
 C) square  
 D) rhombus
31. [MA4CA HSCT\_MA4CA\_11B]

An acute triangle has \_\_\_\_\_.

- A) 3 acute angles  
 B) 2 acute angles and 1 right angle  
 C) 1 acute angle and 2 right angles  
 D) 1 acute angle and 2 obtuse angles
32. [MA4CA HSCT\_MA4CA\_12B]

Name the triangle.

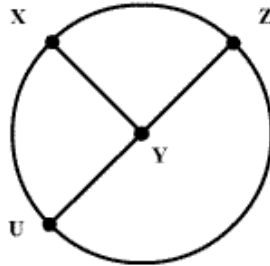


- A) acute triangle  
 B) right triangle  
 C) scalene triangle

- D) obtuse triangle
- 33. [MA4CA HSCT\_MA4CA\_13B]

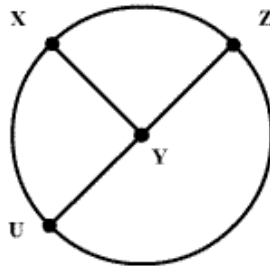
Which triangle has 2 equal sides?

- A) scalene triangle
- B) isosceles triangle
- C) equilateral triangle
- D) obtuse triangle
- 34. [MA4CA HSCT\_MA4CA\_14B]



If line segment XY is the radius of the circle, point Y is the \_\_\_\_\_.

- A) radius
- B) center
- C) middle
- D) ray
- 35. [MA4CA HSCT\_MA4CA\_15B]



If point Y is the center, then segment YU is the \_\_\_\_\_ of the circle.

- A) center
- B) radius
- C) middle
- D) diameter
- 36. [MA4CA HSCT\_MA4CA\_16B]

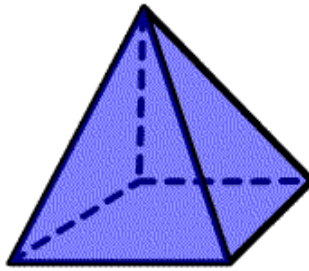
A circle has a diameter of 2 meters. What is the radius?

- A) 4 meters
- B) 1 meter
- C) 50 centimeters
- D) 10 centimeters
- 37. [MA4CA HSCT\_MA4CA\_17B]

A circle has a radius of 10 inches. What is the diameter?

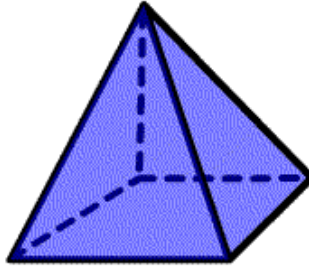
- A) 20 inches
- B) 15 inches
- C) 5 inches
- D) 1 inch
- 38. [MA4CA HSCT\_MA4CA\_18B]

How many faces does a square pyramid have?



- A) 5
- B) 4
- C) 3
- D) 1

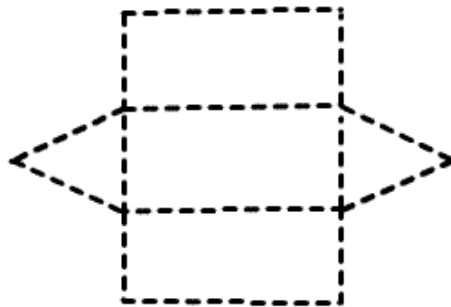
39. [MA4CA HSCT\_MA4CA\_19B]



A square pyramid has \_\_\_\_\_ vertices.

- A) 1
- B) 4
- C) 5
- D) 6

40. [MA4CA HSCT\_MA4CA\_20B]



If this net is folded, it will form a \_\_\_\_\_.

- A) triangular prism
- B) triangular pyramid
- C) square pyramid
- D) cone

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Ordered Pairs #(3508)

1. [MA4CB01 A] Choose the ordered pair that describes **Point A**. [View Image](#)
  - A) (10, 4)
  - B) (4, 10)
  - C) (4, 14)
  - D) (0, 10)
2. [MA4CB01 B] Choose the ordered pair that describes **Point B**. [View Image](#)
  - A) (1, 8)
  - B) (8, 2)
  - C) (8, 8)
  - D) (0, 8)
3. [MA4CB01 C] Choose the ordered pair that describes **Point P**. [View Image](#)
  - A) (5, 10)
  - B) (10, 5)
  - C) (10, 20)
  - D) (20, 10)
4. [MA4CB01 D] Choose the ordered pair that describes **Point N**. [View Image](#)
  - A) (0, 16)
  - B) (16, 0)
  - C) (0, 8)
  - D) (8, 16)
5. [MA4CB01 E] Which point is located at **(8, 1)**? [View Image](#)
  - A) Point K
  - B) Point B
  - C) Point D
  - D) Point C
6. [MA4CB01 F] Which point is located at **(10, 4)**? [View Image](#)
  - A) Point A
  - B) Point E
  - C) Point C
  - D) Point B
7. [MA4CB01 G] Which point is located at **(4, 6)**? [View Image](#)
  - A) Point O
  - B) Point P
  - C) Point L
  - D) Point R
8. [MA4CB01 H] Which point is located at **(16, 0)**? [View Image](#)
  - A) Point N
  - B) Point O
  - C) Point S
  - D) Point M
9. [MA4CB01 I] Find all the points that are described by the following statement.  
**The first number of my ordered pair is 8.** [View Image](#)
  - A) Points C and K
  - B) Points B and C
  - C) Points B, C, and K
  - D) Point D
10. [MA4CB01 J] Find all the points that are described by the following statement.  
**The second number of my ordered pair is 4.** [View Image](#)
  - A) Points A and D
  - B) Points A and E
  - C) Points D and E
  - D) Points B and K
11. [MA4CB01 K] Find all the points that are described by the following statement.  
**The first number of my ordered pair is 8.** [View Image](#)
  - A) Points S and M
  - B) Point N
  - C) Point R
  - D) Point O
12. [MA4CB01 L] Find all the points that are described by the following statement.  
**The second number of my ordered pair is 16.** [View Image](#)
  - A) Point R
  - B) Point S

- C) Point N  
D) Points S and M
13. [MA4CB01 M] Find all the points that are described by the following statement.  
**I am 10 units to the right of the vertical axis.** [View Image](#)
- A) Point E  
B) Point A  
C) Point D  
D) Points A and E
14. [MA4CB01 N] Find all the points that are described by the following statement.  
**I am 8 units above the horizontal axis.** [View Image](#)
- A) Point D  
B) Points A and E  
C) Points C and K
- D) Points B and C
15. [MA4CB01 O] Find all the points that are described by the following statement.  
**I am 10 units above the horizontal axis.** [View Image](#)
- A) Point P  
B) Point L  
C) Point O  
D) Point R
16. [MA4CB01 P] Find all the points that are described by the following statement.  
**I am 16 units to the right of the vertical axis.** [View Image](#)
- A) Point N  
B) Point S  
C) Point P
- D) Points M and S
17. [MA4CB01 Q] Choose the ordered pair that describes **Point W**. [View Image](#)
- A) (20, 30)  
B) (30, 20)  
C) (4, 5)  
D) (5, 4)
18. [MA4CB01 R] Choose the ordered pair that describes **Point Z**. [View Image](#)
- A) (5, 50)  
 B) (50, 5)  
C) (10, 1)  
D) (1, 10)
19. [MA4CB01 S] To find the first number of an ordered pair go \_\_\_\_\_.
- A) up the vertical axis  
B) below the scale  
 C) across the horizontal axis  
D) above the coordinate grid
20. [MA4CB01 T] To find the second number of an ordered pair go \_\_\_\_\_.
- A) up the vertical axis  
B) below the scale  
C) across the horizontal axis  
D) above the coordinate grid

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Distance and Directions #(3510)

1. [MA4CB02 A] Start at (0, 7). Move 3 units north and 2 units east. What is the ordered pair of the final point? [View Image](#)
  - A) (2, 10)
  - B) (2, 9)
  - C) (9, 10)
  - D) (9, 2)
2. [MA4CB02 B] Start at (4, 1). Move 3 units west and 3 units north. What is the ordered pair of the final point? [View Image](#)
  - A) (4, 3)
  - B) (3, 4)
  - C) (1, 4)
  - D) (0, 4)
3. [MA4CB02 C] Start at (5, 4). Move 5 units east, 4 units south, 4 units west, 4 units north, and 1 unit west. What is the ordered pair of the final point? [View Image](#)
  - A) (6, 4)
  - B) (4, 5)
  - C) (5, 3)
  - D) (5, 4)
4. [MA4CB02 D] Move 3 units south and 3 units west. Your endpoint is (5, 6). At what ordered pair did you begin? [View Image](#)
  - A) (10, 10)
  - B) (8, 9)
  - C) (9, 8)
  - D) (6, 5)
5. [MA4CB02 E] Move 4 units north, 3 units east, and 2 units south. Your endpoint is (5, 6). At what ordered pair did you begin? [View Image](#)
  - A) (6, 5)
  - B) (5, 4)
  - C) (5, 5)
  - D) (2, 4)
6. [MA4CB02 F] Move 2 units south, 3 units west, 2 units north, and 3 units east. Your endpoint is (4, 4). At what ordered pair did you begin? [View Image](#)
  - A) (4, 4)
  - B) (3, 3)
  - C) (5, 5)
  - D) (4, 0)
7. [MA4CB02 G] Which set of directions tells how to get from point A to point B? [View Image](#)
  - A) 2 units south, 5 units west
  - B) 1 unit north, 5 units west
  - C) 1 unit north, 3 units east
  - D) 2 units north, 3 units east
8. [MA4CB02 H] Which set of directions tells how to get from point D to point A? [View Image](#)
  - A) 2 units west, 3 units south
  - B) 2 units east, 3 units south
  - C) 3 units east, 5 units south
  - D) 1 unit east, 5 units south
9. [MA4CB02 I] Which set of directions tells how to get from point C to point B? [View Image](#)
  - A) 2 units west, 3 units south
  - B) 2 units west, 5 units south
  - C) 2 units south, 4 units west
  - D) 4 units south, 3 units west
10. [MA4CB02 J] Which pair of points has a distance of 2 units? [View Image](#)
  - A) Points U and X
  - B) Points U and Z
  - C) Points Y and Z
  - D) Points X and Z
11. [MA4CB02 K] You moved 5 units north, 3 units west, and ended at point D. Where did you begin? [View Image](#)
  - A) Point E
  - B) Point A

- C) Point B  
D) Point D
12. [MA4CB02 L] You moved 1 unit south, 4 units east, 3 units north, and ended at point C. [View Image](#)  
Where did you begin?  
A) Point C  
B) Point A  
 C) Point B  
D) Point E
13. [MA4CB02 M] You moved 3 units east, 3 units south, and ended at point V. [View Image](#)  
Where did you begin?  
A) Point Y  
B) Point Z  
C) Point U  
 D) Point W
14. [MA4CB02 N] You moved 7 units left, 8 units up, and ended at point W. [View Image](#)  
Where did you begin?  
A) (1, 8)  
B) (9, 1)  
 C) (8, 1)  
D) (9, 8)
15. [MA4CB02 O] You moved 7 units up, 7 units left, 1 unit up, and ended at point W? [View Image](#)  
Where did you begin?  
 A) Point Z  
B) Point Y  
C) Point V  
D) Point X
16. [MA4CB02 P] You moved 6 units down, 5 units right and ended at ordered pair (9, 0). [View Image](#)  
Where did you begin?  
A) Point U  
B) Point Y  
 C) Point V  
D) Point X
17. [MA4CB02 Q] You moved 5 units up, 2 units right, 1 unit up, and ended at ordered pair (3, 7). [View Image](#)  
Where did you begin?  
A) Point Z  
 B) Point Y  
C) Point V  
D) Point X
18. [MA4CB02 R] Which pair of points has a distance of 6 units? [View Image](#)  
A) Points X and Z  
 B) Points U and Z  
C) Points Y and Z  
D) Points U and X
19. [MA4CB02 S] Which pair of points has a distance of 7 units? [View Image](#)  
A) Points X and Z  
B) Points U and Z  
 C) Points Y and Z  
D) Points U and X
20. [MA4CB02 T] Connect the following points: [View Image](#)  
(1, 9)  
(8, 9)  
(1, 1)  
(8, 1)  
Which letter is formed?  
A) W  
B) X  
C) Y  
 D) Z

## Questions and Responses

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### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Coordinate Geometry #(606)

1. [MA4CB 01] Choose the ordered pair that describes **Point T**. [View Image](#)
  - A) (1, 10)
  - B) (5, 50)
  - C) (50, 5)
  - D) none of the above
2. [MA4CB 02] Choose the ordered pair that describes **Point S**. [View Image](#)
  - A) (5, 0)
  - B) (1, 10)
  - C) (5, 10)
  - D) none of the above
3. [MA4CB 03] Choose the ordered pair that describes **Point L**. [View Image](#)
  - A) (20, 10)
  - B) (5, 10)
  - C) (10, 5)
  - D) none of the above
4. [MA4CB 04] Choose the ordered pair that describes **Point S**. [View Image](#)
  - A) (16, 0)
  - B) (0, 16)
  - C) (8, 0)
  - D) none of the above
5. [MA4CB 05] Which point is located at **(8, 1)**? [View Image](#)
  - A) Point B
  - B) Point K
  - C) Point C
  - D) Point H
6. [MA4CB 06] Which point is located at **(1, 8)**? [View Image](#)
  - A) Point B
  - B) Point K
  - C) Point C
  - D) Point H
7. [MA4CB 07] Find all the points that are described by the following statement.  
**I am 4 units to the right of the vertical axis.** [View Image](#)
  - A) Points A and D
  - B) Points D and E
  - C) Points H and K
  - D) none of the above
8. [MA4CB 08] Find all the points that are described by the following statement.  
**I am 4 units above the horizontal axis.** [View Image](#)
  - A) Points A and D
  - B) Points D and E
  - C) Points H and K
  - D) none of the above
9. [MA4CB 09] Find all the points that are described by the following statement.  
**The first number of my ordered pair is 50.** [View Image](#)
  - A) Points X and Z
  - B) Points T and U
  - C) Points S and T
  - D) none of the above
10. [MA4CB 10] Find all the points that are described by the following statement.  
**The second number of my ordered pair is 50.** [View Image](#)
  - A) Points X and Z
  - B) Points T and U
  - C) Points S and T
  - D) none of the above
11. [MA4CB 11] Start at (0, 7). Move 3 units north and 1 unit east.  
What is the ordered pair of the final point? [View Image](#)
  - A) (2, 10)
  - B) (2, 9)
  - C) (1, 10)
  - D) (9, 2)
12. [MA4CB 12] Start at (6, 5). Move 3 units west and 3 units north.  
What is the ordered pair of the final point? [View Image](#)

- A) (4, 3)  
B) (9, 8)  
C) (3, 2)  
 D) (3, 8)
13. [MA4CB 13] Move 3 units south and 3 units west. Your endpoint is (6, 7).  
At what ordered pair did you begin? [View Image](#)  
A) (9, 4)  
B) (4, 3)  
C) (3, 4)  
 D) (9, 10)
14. [MA4CB 14] Move 5 units north, 1 unit east, and 2 units south. Your endpoint is (5, 6).  
At what ordered pair did you begin? [View Image](#)  
 A) (4, 3)  
B) (2, 5)  
C) (6, 9)  
D) (2, 7)
15. [MA4CB 15] Which set of directions tells how to get from point B to point A? [View Image](#)  
A) 1 unit north, 5 units west  
 B) 1 unit south, 5 units east  
C) 5 units north, 1 unit east  
D) 5 units south, 1 unit west
16. [MA4CB 16] Which set of directions tells how to get from point A to point C? [View Image](#)  
 A) 1 unit west, 3 units north  
B) 1 unit east, 3 units south  
C) 3 units west, 1 unit south  
D) 3 units east, 1 unit north
17. [MA4CB 17] Which pair of points has a distance of 6 units? [View Image](#)  
A) Points X and Z  
 B) Points U and Z  
C) Points Y and Z  
D) Points X and U
18. [MA4CB 18] Which pair of points has a distance of 7 units? [View Image](#)  
A) Points X and Z  
B) Points W and Y  
 C) Points Y and Z  
D) Points X and U
19. [MA4CB 19] You moved 1 unit down, 5 units to the right, and ended at ordered pair (9, 0).  
Where did you begin? [View Image](#)  
 A) (4, 1)  
B) (10, 5)  
C) (8, 5)  
D) (5, 8)
20. [MA4CB 20] You moved 2 units right, 5 units up, and ended at ordered pair (3, 7).  
Where did you begin? [View Image](#)  
A) (5, 2)  
B) (2, 4)  
 C) (1, 2)  
D) (8, 9)

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Similar and Congruent Figures #(3513)

1. [MA4CC01 A] Are these shapes congruent? [View Image](#)  
 A) yes  
 B) no
2. [MA4CC01 B] Are these shapes congruent? [View Image](#)  
 A) yes  
 B) no
3. [MA4CC01 C] Are these shapes congruent? [View Image](#)  
 A) yes  
 B) no
4. [MA4CC01 D] Are these shapes similar? [View Image](#)  
 A) yes  
 B) no
5. [MA4CC01 E] Are these shapes similar? [View Image](#)  
 A) yes  
 B) no
6. [MA4CC01 F] Are these shapes similar? [View Image](#)  
 A) yes  
 B) no
7. [MA4CC01 G] Which of the following shapes is congruent to the green trapezoid? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
8. [MA4CC01 H] Which of the following shapes is congruent to the red square? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
9. [MA4CC01 I] Which of the following shapes is congruent to the orange hexagon? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
10. [MA4CC01 J] Which of the following shapes is congruent to the blue equilateral triangle? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
11. [MA4CC01 K] Which of the following shapes is congruent to the purple rectangle? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
12. [MA4CC01 L] Which of the following shapes is similar to the red hexagon? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
13. [MA4CC01 M] Which of the following shapes is similar to the blue isosceles triangle? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
14. [MA4CC01 N] Which of the following shapes is similar to the purple square? [View Image](#)  
 A) A  
 B) B  
 C) C  
 D) D
15. [MA4CC01 O] Which of the following shapes is similar to the orange trapezoid? [View Image](#)  
 A) A  
 B) B

- C) C  
D) D
16. [MA4CC01 P] Which of the following shapes is similar to the green rhombus? [View Image](#)  
A) A  
B) B  
C) C  
 D) D
17. [MA4CC01 Q] Which two shapes can be used to make the blue trapezoid? [View Image](#)  
A) two squares  
B) two rhombi  
 C) a rhombus and an equilateral triangle  
D) a right triangle and a square
18. [MA4CC01 R] Which two shapes can be used to make the red square? [View Image](#)  
A) two equilateral triangles  
 B) two right triangles  
C) a trapezoid and an equilateral triangle  
D) a rhombus and an equilateral triangle
19. [MA4CC01 S] Which shape can be formed using these two shapes? [View Image](#)  
A) equilateral triangle  
B) square  
 C) rectangle  
D) hexagon
20. [MA4CC01 T] Which shape can be formed using these four shapes? [View Image](#)  
A) isosceles right triangle  
 B) hexagon  
C) trapezoid  
D) square

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Transformations #(3514)

1. [MA4CC02 A] This image is a result of a \_\_\_\_\_. [View Image](#)  
 A) translation  
 B) rotation  
 C) reflection
2. [MA4CC02 B] This image is a result of a \_\_\_\_\_. [View Image](#)  
 A) translation  
 B) rotation  
 C) reflection
3. [MA4CC02 C] This image is a result of a \_\_\_\_\_. [View Image](#)  
 A) translation  
 B) rotation  
 C) reflection
4. [MA4CC02 D] This image is a result of a \_\_\_\_\_. [View Image](#)  
 A) translation  
 B) rotation  
 C) reflection
5. [MA4CC02 E] This image is a result of a \_\_\_\_\_. [View Image](#)  
 A) translation  
 B) rotation  
 C) reflection
6. [MA4CC02 F] Which image shows a translation? [View Image](#)  
 A) A  
 B) B  
 C) C
7. [MA4CC02 G] Which image shows a rotation? [View Image](#)  
 A) A  
 B) B  
 C) C
8. [MA4CC02 H] Which image shows a reflection? [View Image](#)  
 A) A  
 B) B  
 C) C
9. [MA4CC02 I] Which image shows a rotation? [View Image](#)  
 A) A  
 B) B  
 C) C
10. [MA4CC02 J] Which image shows a reflection? [View Image](#)  
 A) A  
 B) B  
 C) C
11. [MA4CC02 K] Look at the way this plane figure moved. Which set of transformations was performed? [View Image](#)  
 A) reflect horizontally and translate up  
 B) translate right and rotate counter-clockwise  
 C) rotate clockwise and translate right
12. [MA4CC02 L] Look at the way this plane figure moved. Which set of transformations was performed? [View Image](#)  
 A) reflect horizontally and reflect vertically  
 B) reflect vertically and rotate clockwise  
 C) translate right and rotate counter-clockwise
13. [MA4CC02 M] Look at the way this plane figure moved. Which set of transformations was performed? [View Image](#)  
 A) reflect horizontal and rotate clockwise  
 B) reflect vertical and translate right  
 C) rotate clockwise and translate up
14. [MA4CC02 N] Look at the way this plane figure moved. Which set of transformations was performed? [View Image](#)  
 A) rotate counter-clockwise and translate left  
 B) reflect vertical and translate left  
 C) reflect vertical and rotate counter-clockwise
15. [MA4CC02 O] Look at the way this plane figure moved. Which set of transformations was performed? [View Image](#)

- performed?
- A) reflect vertically and rotate clockwise
  - B) rotate counter-clockwise and translate up
  - C) translate up and reflect horizontally
16. [MA4CC02 P] Which image shows the result of a vertical reflection and a rotation clockwise? [View Image](#)
- A) A
  - B) B
  - C) C
17. [MA4CC02 Q] Which image shows the result of a translation up and a vertical reflection? [View Image](#)
- A) A
  - B) B
  - C) C
18. [MA4CC02 R] Which image shows the result of a rotation counter-clockwise and a translation left? [View Image](#)
- A) A
  - B) B
  - C) C
19. [MA4CC02 S] Which image shows the result of a translation right and a vertical reflection? [View Image](#)
- A) A
  - B) B
  - C) C
20. [MA4CC02 T] Which image shows the result of a rotation clockwise and a horizontal reflection? [View Image](#)
- A) A
  - B) B
  - C) C

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Symmetry #(3516)

1. [MA4CC03 A] How many lines of symmetry are in this shape? [View Image](#)  
 A) 1 line of symmetry  
 B) 2 lines of symmetry  
 C) 3 lines of symmetry  
 D) 0 lines of symmetry
2. [MA4CC03 B] How many lines of symmetry are in this shape? [View Image](#)  
 A) 3 lines of symmetry  
 B) 4 lines of symmetry  
 C) 5 lines of symmetry  
 D) no lines of symmetry
3. [MA4CC03 C] How many lines of symmetry are in this shape? [View Image](#)  
 A) 2 lines of symmetry  
 B) 3 lines of symmetry  
 C) 4 lines of symmetry  
 D) 0 lines of symmetry
4. [MA4CC03 D] How many lines of symmetry are in this shape? [View Image](#)  
 A) 4 lines of symmetry  
 B) 5 lines of symmetry  
 C) 6 lines of symmetry  
 D) 0 lines of symmetry
5. [MA4CC03 E] How many lines of symmetry are in this shape? [View Image](#)  
 A) 2 lines of symmetry  
 B) 3 lines of symmetry  
 C) 4 lines of symmetry  
 D) 0 lines of symmetry
6. [MA4CC03 F] Is this shape symmetric? [View Image](#)  
 A) yes  
 B) no
7. [MA4CC03 G] Is this shape symmetric? [View Image](#)  
 A) yes  
 B) no
8. [MA4CC03 H] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)  
 A) line symmetry  
 B) point symmetry  
 C) both  
 D) neither
9. [MA4CC03 I] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)  
 A) line symmetry  
 B) point symmetry  
 C) both  
 D) neither
10. [MA4CC03 J] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)  
 A) line symmetry  
 B) point symmetry  
 C) both  
 D) neither
11. [MA4CC03 K] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)  
 A) line symmetry  
 B) point symmetry  
 C) both  
 D) neither
12. [MA4CC03 L] Does this shape have point symmetry? [View Image](#)  
 A) yes  
 B) no
13. [MA4CC03 M] Does this shape have point symmetry? [View Image](#)  
 A) yes  
 B) no
14. [MA4CC03 N] Does this shape have point symmetry? [View Image](#)  
 A) yes  
 B) no
15. [MA4CC03 O] Does this shape have point symmetry? [View Image](#)

- A) yes  
B) no
16. [MA4CC03 P] Which shape has exactly 1 line of symmetry? [View Image](#)  
A) square  
 B) trapezoid  
C) rectangle  
D) equilateral triangle
17. [MA4CC03 Q] Which shape has exactly 3 lines of symmetry? [View Image](#)  
A) square  
B) trapezoid  
C) rectangle  
 D) equilateral triangle
18. [MA4CC03 R] Which shape has exactly 4 lines of symmetry? [View Image](#)  
 A) square  
B) trapezoid  
C) rectangle  
D) equilateral triangle
19. [MA4CC03 S] Which shapes have more than 2 lines of symmetry? [View Image](#)  
A) A and B  
B) B and C  
 C) B and D  
D) C and D
20. [MA4CC03 T] Which shapes have less than 3 lines of symmetry? [View Image](#)  
A) B and C  
B) A and D  
C) B and D  
 D) A and C

## Questions and Responses

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## Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Transformations and Symmetry #(607)

1. [MA4CC 1] Are these shapes congruent? View Image  
A) yes  
 B) no
2. [MA4CC 2] Are these shapes similar? View Image  
 A) yes  
B) no
3. [MA4CC 3] Which shape can be formed using these three shapes? View Image  
A) rectangle  
B) square  
 C) equilateral triangle  
D) trapezoid
4. [MA4CC 4] Which shape can be formed using these three shapes? View Image  
A) trapezoid  
 B) hexagon  
C) square  
D) equilateral triangle
5. [MA4CC 5] Which of the following shapes is similar to the orange square? View Image  
A) A  
B) B  
C) C  
 D) D
6. [MA4CC 6] Which of the following shapes is similar to the blue trapezoid? View Image  
 A) A  
B) B  
C) C  
D) D
7. [MA4CC 7] Which of the following shapes is congruent to the green right triangle? View Image  
A) A  
B) B  
C) C  
 D) D
8. [MA4CC 8] Which of the following shapes is congruent to the orange square? View Image  
 A) A  
B) B  
C) C  
D) D
9. [MA4CC 9] This image is a result of a \_\_\_\_\_. View Image  
A) translation  
B) rotation  
 C) reflection
10. [MA4CC 10] This image is a result of a \_\_\_\_\_. View Image  
A) translation  
 B) rotation  
C) reflection
11. [MA4CC 11] Look at the way this plane figure moved. Which set of transformations was performed? View Image  
A) translation up and reflection horizontally  
B) rotation clockwise and reflection vertically  
 C) reflection vertically and reflection horizontally
12. [MA4CC 12] Look at the way this plane figure was moved. Which set of transformations was performed? View Image  
A) translation down and reflection vertically  
B) reflection horizontally and rotation counter-clockwise  
 C) rotation clockwise and translation down
13. [MA4CC 13] Which image shows a reflection? View Image  
 A) A  
B) B  
C) C
14. [MA4CC 14] Which image shows a translation? View Image  
A) A  
 B) B

- C) C
15. [MA4CC 15] Which image shows the result of a vertical reflection and a rotation clockwise? [View Image](#)
- A) A  
B) B  
 C) C
16. [MA4CC 16] Which image shows the result of a translation up and a vertical reflection? [View Image](#)
- A) A  
B) B  
 C) C
17. [MA4CC 17] Is this shape symmetric? [View Image](#)
- A) yes  
B) no
18. [MA4CC 18] Is this shape symmetric? [View Image](#)
- A) yes  
 B) no
19. [MA4CC 19] Does this shape have point symmetry? [View Image](#)
- A) yes  
B) no
20. [MA4CC 20] Does this shape have point symmetry? [View Image](#)
- A) yes  
 B) no
21. [MA4CC 21] How many lines of symmetry are in this shape? [View Image](#)
- A) 4 lines of symmetry  
B) 5 lines of symmetry  
 C) 6 lines of symmetry  
D) 0 lines of symmetry
22. [MA4CC 22] How many lines of symmetry are in this shape? [View Image](#)
- A) 1 line of symmetry  
B) 2 lines of symmetry  
C) 3 lines of symmetry  
 D) 0 lines of symmetry
23. [MA4CC 23] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)
- A) line symmetry  
B) point symmetry  
C) both  
D) neither
24. [MA4CC 24] Does this shape have line symmetry, point symmetry, both, or neither? [View Image](#)
- A) line symmetry  
B) point symmetry  
 C) both  
D) neither
25. [MA4CC 25] Congruent figures are \_\_\_\_\_.
- A) the same size but different shapes  
 B) the same size and shape  
C) the same shape but possibly different sizes  
D) different sizes and different shapes
26. [MA4CC 26] Similar figures are \_\_\_\_\_.
- A) the same size but different shapes  
B) the same size and shape  
 C) the same shape but possibly different sizes  
D) different sizes and different shapes
27. [MA4CC 27] When a shape moves across a surface, this motion is called a \_\_\_\_\_.
- A) rotation  
B) reflection  
 C) translation
28. [MA4CC 28] When a shape is turned clockwise or counter-clockwise, the motion is called a \_\_\_\_\_.
- A) rotation  
B) reflection  
C) translation
29. [MA4CC 29] A line of \_\_\_\_\_ divides a figure into halves that are mirror images of each other.
- A) equality  
B) congruency  
C) division  
 D) symmetry
30. [MA4CC 30] If the shape of a plane figure looks exactly the same when it is rotated, it has \_\_\_\_\_.
- A) point symmetry

- B) line symmetry
- C) circle symmetry
- D) no symmetry

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Telling Time #(3566)

1. [MA4DA01 A] What time is it? [View Image](#)  
 A) five fifty-two  
 B) five-fifty  
 C) ten twenty-six  
 D) ten twenty-five
2. [MA4DA01 B] What time is it? [View Image](#)  
 A) four thirty-five  
 B) four twenty-five  
 C) seven twenty-five  
 D) seven-nineteen
3. [MA4DA01 C] What time is it? [View Image](#)  
 A) eight thirty-nine  
 B) one thirty-nine  
 C) one forty-two  
 D) eight-ten
4. [MA4DA01 D] What time is it? [View Image](#)  
 A) five fifty-two  
 B) five-fifty  
 C) ten twenty-five  
 D) ten-twenty
5. [MA4DA01 E] What time is it? [View Image](#)  
 A) 3:15  
 B) 4:15  
 C) 3:17  
 D) 4:17
6. [MA4DA01 F] What time is it? [View Image](#)  
 A) 5:58  
 B) 11:25  
 C) 11:30  
 D) 5:55
7. [MA4DA01 G] How many minutes are in 1 hour?  
 A) 55 minutes  
 B) 50 minutes  
 C) 65 minutes  
 D) 60 minutes
8. [MA4DA01 H] How many five-minute segments are in 1 hour?  
 A) 5  
 B) 6  
 C) 12  
 D) 10
9. [MA4DA01 I] How many five-minute segments are in 1/2 hour?  
 A) 5  
 B) 6  
 C) 12  
 D) 12
10. [MA4DA01 J] How many five-minute segments are in 1/4 hour?  
 A) 6  
 B) 1  
 C) 3  
 D) 9
11. [MA4DA01 K] How many five-minute segments are in 3/4 of an hour?  
 A) 6  
 B) 1  
 C) 3  
 D) 9
12. [MA4DA01 L] How many minutes are there in 3/4 of an hour?  
 A) 45 minutes  
 B) 35 minutes  
 C) 40 minutes  
 D) 15 minutes
13. [MA4DA01 M] One-half (1/2) hour equals \_\_\_\_\_.  
 A) 3 one-quarter (1/4) hours

- B) 2 one-quarter ( $\frac{1}{4}$ ) hours  
C) 4 one-quarter ( $\frac{1}{4}$ ) hours  
D) 5 one-quarter ( $\frac{1}{4}$ ) hours
14. [MA4DA01 N] One hour equals \_\_\_\_\_.
- A) 4 one-quarter ( $\frac{1}{4}$ ) hours  
B) 3 one-quarter ( $\frac{1}{4}$ ) hours  
C) 2 one-quarter ( $\frac{1}{4}$ ) hours  
D) 5 one-quarter ( $\frac{1}{4}$ ) hours
15. [MA4DA01 O] The part of the clock that is shaded is \_\_\_\_\_. [View Image](#)
- A) 2 minutes  
B) 15 minutes  
 C) 10 minutes  
D) 5 minutes
16. [MA4DA01 P] The part of the clock that is shaded is \_\_\_\_\_. [View Image](#)
- A) 20 minutes  
B) 30 minutes  
C) 25 minutes  
D) 35 minutes
17. [MA4DA01 Q] The part of the clock that is shaded is \_\_\_\_\_. [View Image](#)
- A) one-half hour  
 B) one-quarter hour  
C) three-quarters hour  
D) one-third hour
18. [MA4DA01 R] Select the time that matches the analog clock. [View Image](#)
- A) 8:10  
B) 2:20  
C) 2:40  
D) 8:02
19. [MA4DA01 S] Select the time that matches the analog clock. [View Image](#)
- A) 10:55  
 B) 11:55  
C) 11:50  
D) 10:10
20. [MA4DA01 T] Select the time that matches the analog clock. [View Image](#)
- A) 8:20  
 B) 8:18  
C) 4:40  
D) 4:18

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Elapsed Time #(3567)

1. [MA4DA02 A] This clock shows the current time. In 2 hours, it will be \_\_\_\_\_. [View Image](#)  
 A) 8:12  
 B) 4:12  
 C) 9:12  
 D) 3:12
2. [MA4DA02 B] This clock shows the current time. In 30 minutes, it will be \_\_\_\_\_. [View Image](#)  
 A) 10:01  
 B) 8:58  
 C) 9:59  
 D) 10:31
3. [MA4DA02 C] This clock shows the current time. Three hours ago, it was \_\_\_\_\_. [View Image](#)  
 A) 12:48  
 B) 11:48  
 C) 10:48  
 D) 9:48
4. [MA4DA02 D] This clock shows the current time. Ten minutes ago, it was \_\_\_\_\_. [View Image](#)  
 A) 6:49  
 B) 6:30  
 C) 8:26  
 D) 7:29
5. [MA4DA02 E] It is now 2:22 P.M. What time will it be in a half hour?  
 A) 2:52 A.M.  
 B) 2:52 P.M.  
 C) 2:02 P.M.  
 D) 2:02 A.M.
6. [MA4DA02 F] It is now 11:15 A.M. What time will it be in three quarters of an hour?  
 A) noon  
 B) 11:45 A.M.  
 C) 11:45 P.M.  
 D) midnight
7. [MA4DA02 G] It is now 2:30 A.M. What time was it 3 hours ago?  
 A) noon  
 B) 11:30 A.M.  
 C) 11:30 P.M.  
 D) midnight
8. [MA4DA02 H] Today is January 3. What was the date 2 days ago?  
 A) January 1  
 B) December 31  
 C) January 5  
 D) none of the above
9. [MA4DA02 I] Five days ago, it was April 5. What is today's date?  
 A) April 10  
 B) April 1  
 C) March 31.  
 D) none of the above
10. [MA4DA02 J] What is the next time: 3:22, 3:07, 2:52, \_\_\_\_\_?  
 A) 2:27  
 B) 2:37  
 C) 2:47  
 D) 2:45
11. [MA4DA02 K] What is the next time: 8:45, 6:15, 3:45, \_\_\_\_\_?  
 A) 11:15  
 B) 12:15  
 C) 1:15  
 D) 2:15
12. [MA4DA02 L] What is the next time: 8:30 A.M., 10:00 A.M., 11:30 A.M., \_\_\_\_\_?  
 A) 1:00 P.M.  
 B) 1:00 A.M.  
 C) 1:30 P.M.  
 D) 1:30 A.M.
13. [MA4DA02 M] Today is March 12. What was the date 1 week ago?  
 A) March 11

- B) March 5  
C) March 15  
D) none of the above
14. [MA4DA02 N] Two weeks ago, it was February 14. What is today's date?  
A) March 1  
B) January 31  
 C) February 28  
D) none of the above
15. [MA4DA02 O] Peter mailed a letter on June 22. Susan received it on June 29. How much time elapsed?  
A) 22 days  
B) 29 days  
C) 11 days  
 D) 1 week
16. [MA4DA02 P] It is 9:45 P.M. How long until 1:00 A.M.?  
 A) 3 hours and 15 minutes  
B) 3 hours and 30 minutes  
C) 2 hours and 15 minutes  
D) 2 hours and 30 minutes
17. [MA4DA02 Q] It is 3:40 P.M. How long until 3:00 A.M.?  
A) 10 hours and 20 minutes  
B) 12 hours  
C) 12 hours and 20 minutes  
 D) 11 hours and 20 minutes
18. [MA4DA02 R] It is 4:45 P.M. What time was it 4 hours ago?  
A) 1:45 P.M.  
 B) 12:45 P.M.  
C) 12:45 A.M.  
D) 1:45 A.M.
19. [MA4DA02 S] What is the pattern: January 1, January 15, January 29, February 12?  
 A) 2 weeks later  
B) 1 week later  
C) 1 week and 6 days later  
D) 2 weeks and 1 day later
20. [MA4DA02 T] What is the pattern: April 3, March 31, March 28, March 25?  
A) 30 days earlier  
B) 1 week earlier  
 C) 3 days earlier  
D) 3 days later

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Time Schedules #(3568)

1. [MA4DA03 A] When is Grace's piano lesson? [View Image](#)
  - A) Monday at 4:30
  - B) Monday at 4:00
  - C) Tuesday at 5:00
  - D) none of the above
2. [MA4DA03 B] When does school end on Wednesday? [View Image](#)
  - A) 2:30
  - B) 3:00
  - C) 3:30
  - D) none of the above
3. [MA4DA03 C] When does Grace go to math club? [View Image](#)
  - A) Monday at 3:30
  - B) Tuesday at 3:00
  - C) Wednesday at 3:00
  - D) none of the above
4. [MA4DA03 D] Where is Grace at 3:45 on Wednesday? [View Image](#)
  - A) school
  - B) math club
  - C) piano lesson
  - D) soccer
  - E) none of the above
5. [MA4DA03 E] Where is Grace at 4:40 on Tuesday? [View Image](#)
  - A) family meeting
  - B) math club
  - C) soccer
  - D) reading program
  - E) none of the above
6. [MA4DA03 F] How long is Grace at soccer on Wednesday? [View Image](#)
  - A) 30 minutes
  - B) 1 hour
  - C) 1 hour and 30 minutes
  - D) 2 hours
  - E) none of the above
7. [MA4DA03 G] Which is true? [View Image](#)
  - A) The step aerobics class is in studio B.
  - B) The yoga class is in studio A.
  - C) The double step class is in studio A.
  - D) The water aerobics class is in studio B.
8. [MA4DA03 H] Which is true? [View Image](#)
  - A) Yoga is in Studio B at 7:00 A.M.
  - B) Yoga is in Studio A at 7:00 A.M.
  - C) Yoga is in Studio B at 8:30 A.M.
  - D) Yoga is in Studio A at 8:00 A.M.
9. [MA4DA03 I] Which is true? [View Image](#)
  - A) There isn't a class at 9:00 A.M. in Studio B.
  - B) There isn't a class at 7:45 A.M. in the pool.
  - C) There isn't a class at 8:30 A.M. in Studio B.
  - D) There isn't a class at 7:00 A.M. in the pool.
10. [MA4DA03 J] Which class is in Studio B at 8:45 A.M. ? [View Image](#)
  - A) yoga
  - B) step aerobics
  - C) double step
  - D) water aerobics
  - E) none of the above
11. [MA4DA03 L] Which class is in the pool at 8:15 A.M. ? [View Image](#)
  - A) water ballet
  - B) water aerobics
  - C) double step
  - D) tai chi
  - E) none of the above
12. [MA4DA03 K] Which class is in Studio A at 7:45 A.M. ? [View Image](#)
  - A) yoga

- B) step aerobics  
C) double step  
D) water aerobics  
E) none of the above
13. [MA4DA03 M] When is the drawing class? [View Image](#)  
A) Friday at 5:00 P.M.  
B) Saturday at 1:00 P.M.  
C) Sunday at 3:00 P.M.  
 D) all of the above
14. [MA4DA03 N] When is the pottery class? [View Image](#)  
A) 4:00 to 6:00 P.M. on Friday  
B) 3:00 to 5:00 P.M. on Sunday  
C) 5:00 to 6:00 P.M. on Friday  
 D) 3:00 to 5:00 P.M. on Friday
15. [MA4DA03 O] Choose the true sentence. [View Image](#)  
 A) The oil painting class lasts 2 hours on Saturday.  
B) The drawing class lasts 2 hours on Sunday.  
C) There are 3 drawing classes on Friday.  
D) The pottery class lasts 5 hours on Friday.
16. [MA4DA03 P] Choose the true sentence. [View Image](#)  
A) There are no classes scheduled on Sunday.  
B) There are no classes scheduled at 4:00 P.M. on Saturday.  
C) There are no classes scheduled at 3:00 P.M.  
 D) There are no classes scheduled at 5:00 P.M. on Sunday.
17. [MA4DA03 Q] Choose the true sentence. [View Image](#)  
 A) There is an oil painting class at 2:00 P.M. on Friday.  
 B) There is an oil painting class at 3:00 P.M. on Saturday.  
C) There is an oil painting class at 2:00 P.M. on Sunday.  
D) There is an oil painting class at 4:00 P.M. on Saturday.
18. [MA4DA03 R] Which schedule shows 2-hour periods starting at 10:00 A.M.? [View Image](#)  
A) schedule A  
 B) schedule B  
C) schedule C  
D) none of the above
19. [MA4DA03 S] Which schedule shows a pottery class that ends at 11:00 A.M.? [View Image](#)  
 A) schedule A  
B) schedule B  
C) schedule C  
D) none of the above
20. [MA4DA03 T] Which schedule shows a drawing class at 6:10 P.M.? [View Image](#)  
A) schedule A  
B) schedule B  
 C) schedule C  
D) none of the above

## Questions and Responses

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### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Time #(647)

1. [MA4DA 1] Select the time that matches the analog clock. [View Image](#)  
 A) 2:55  
 B) 10:50  
 C) 2:10  
 D) 10:10
2. [MA4DA 2] Select the time that matches the analog clock. [View Image](#)  
 A) 12:33  
 B) 6:05  
 C) 1:33  
 D) 7:05
3. [MA4DA 3] Select the time that matches the analog clock. [View Image](#)  
 A) 5:17  
 B) 3:24  
 C) 4:24  
 D) 3:35
4. [MA4DA 4] Select the time that matches the analog clock. [View Image](#)  
 A) 9:00  
 B) 9:59  
 C) 8:59  
 D) 8:00
5. [MA4DA 5] A quarter hour equals \_\_\_\_\_.  
 A) 15 minutes  
 B) 45 minutes  
 C) 60 minutes  
 D) 30 minutes
6. [MA4DA 6] There are 9 five-minute segments in \_\_\_\_\_.  
 A) 60 minutes  
 B) 45 minutes  
 C) 25 minutes  
 D) 95 minutes
7. [MA4DA 7] How many five-minute segments are in 20 minutes?  
 A) 10  
 B) 5  
 C) 4  
 D) 2
8. [MA4DA 8] A half hour equals \_\_\_\_\_.  
 A) 2 minutes  
 B) 1 hour  
 C) 15 minutes  
 D) 30 minutes
9. [MA4DA 9] What time is it? [View Image](#)  
 A) 4:53  
 B) 5:50  
 C) 10:23  
 D) 10:25
10. [MA4DA 10] What time is it? [View Image](#)  
 A) 3:32  
 B) 6:40  
 C) 7:18  
 D) 6:18
11. [MA4DA 11] This clock shows the current time. In 2 hours, it will be \_\_\_\_\_. [View Image](#)  
 A) 9:24  
 B) 10:24  
 C) 5:24  
 D) none of the above
12. [MA4DA 12] This clock shows the current time. In 4 hours, it will be \_\_\_\_\_. [View Image](#)  
 A) 1:24  
 B) 11:24  
 C) 12:24  
 D) none of the above
13. [MA4DA 13] This clock shows the current time. Three hours ago, it was \_\_\_\_\_. [View Image](#)  
 A) 10:14

- B) 9:14  
 C) 8:14  
 D) none of the above
14. [MA4DA 14] This clock shows the current time. Two hours ago, it was \_\_\_\_\_. [View Image](#)  
 A) 9:14  
 B) 8:14  
 C) 7:14  
 D) none of the above
15. [MA4DA 15] This clock shows the current time. Ten minutes ago, it was \_\_\_\_\_. [View Image](#)  
 A) 6:29  
 B) 6:25  
 C) 7:29  
 D) 7:31
16. [MA4DA 16] This clock shows the current time. Twenty minutes ago, it was \_\_\_\_\_. [View Image](#)  
 A) 7:19  
 B) 6:21  
 C) 7:14  
 D) 7:24
17. [MA4DA 17] This clock shows the current time. In 15 minutes, it will be \_\_\_\_\_. [View Image](#)  
 A) 12:00 midnight  
 B) 12:00 noon  
 C) 11:30 P.M.  
 D) none of the above
18. [MA4DA 18] This clock shows the current time. Thirty minutes ago, it was \_\_\_\_\_. [View Image](#)  
 A) 12:00 midnight  
 B) 12:00 noon  
 C) 1:00 P.M.  
 D) none of the above
19. [MA4DA 19] Troy is baking pastries. He put them in an oven at 11:45 A.M. and took them out at 12:20 P.M. How long were the pastries in the oven?  
 A) 1 hour and 15 minutes  
 B) 25 minutes  
 C) 35 minutes  
 D) none of the above
20. [MA4DA 20] Patty is building a dog house. She started at 10:15 A.M. and finished at 11:45 A.M. How long did it take Patty to build the dog house?  
 A) 55 minutes  
 B) 1 hour and 30 minutes  
 C) 1 hour and 45 minutes  
 D) none of the above
21. [MA4DA 21] When is Grace's reading program? [View Image](#)  
 A) Wednesday, 4:00 – 5:00  
 B) Wednesday, 3:30 – 5:00  
 C) Monday and Wednesday, 4:00 – 4:30  
 D) none of the above
22. [MA4DA 22] When is Grace's piano lesson? [View Image](#)  
 A) Monday and Wednesday, 4:30 – 5:00  
 B) Monday and Tuesday, 4:45 – 5:00  
 C) Tuesday, 4:30 – 5:00  
 D) none of the above
23. [MA4DA 23] Which class is in the pool at 8:45 A.M.? [View Image](#)  
 A) aquasize  
 B) double step  
 C) water aerobics  
 D) tai chi  
 E) none of the above
24. [MA4DA 24] Which class is in Studio B at 8:15 A.M.? [View Image](#)  
 A) yoga  
 B) double step  
 C) tai chi  
 D) water ballet  
 E) none of the above
25. [MA4DA 25] Which class is at 4:30 P.M. on Friday? [View Image](#)  
 A) ceramics  
 B) pottery  
 C) drawing  
 D) sculpture  
 E) none of the above
26. [MA4DA 26] Which class is at 3:45 P.M. on Saturday? [View Image](#)  
 A) drawing  
 B) pottery  
 C) sculpture

- D) oil painting  
E) none of the above
27. [MA4DA 27] Which schedule has 1-hour periods that start at 10:00 A.M.? [View Image](#)
- A) schedule A  
B) schedule B  
C) schedule C  
D) schedules A and B
28. [MA4DA 28] Which schedule has 2-hour periods that start at 10:00 A.M.? [View Image](#)
- B) schedule B  
C) schedule C  
D) schedules A and B
29. [MA4DA 29] When do the Tigers play the Cubs? [View Image](#)
- A) January 1 at 1:00 P.M.  
B) January 15 at 1:00 P.M.  
 C) January 8 at 10:00 A.M.  
D) none of the above
30. [MA4DA 30] When do the Jays play the Pirates? [View Image](#)
- A) January 8 at 10:00 A.M.  
 B) January 15 at 10:00 A.M.  
C) January 1 at 2:00 P.M.  
D) none of the above
31. [MA4DA 31] Today is March 7. What was the date 3 days ago?
- A) March 3  
 B) March 4  
C) March 10  
D) March 11
32. [MA4DA 32] A week ago, it was June 8. What is today's date?
- A) June 1  
B) June 7  
C) May 31  
 D) June 15
33. [MA4DA 33] What is the pattern: December 31, January 7, January 14, January 21?
- A) 6 days later  
 B) 1 week later  
C) 1 week and 1 day later  
D) 1 week and 2 days later
34. [MA4DA 34] What is the next date: November 16, November 30, December 14, \_\_\_\_\_?
- A) December 21  
B) December 25  
 C) December 28  
D) January 1

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Customary Units of Length #(3592)

1. [MA4DB01 A] What is the length of the longest line segment? [View Image](#)
  - A) 3 inches
  - B)  $4\frac{3}{4}$  inches
  - C)  $5\frac{1}{2}$  inches
  - D)  $5\frac{1}{4}$  inches
2. [MA4DB01 B] What is the length of the shortest line segment? [View Image](#)
  - A) 3 inches
  - B)  $3\frac{3}{4}$  inches
  - C) 4 inches
  - D)  $5\frac{1}{2}$  inches
3. [MA4DB01 C] What is the **total** length of these line segments? [View Image](#)
  - A) 5 inches
  - B)  $6\frac{1}{2}$  inches
  - C)  $7\frac{1}{2}$  inches
  - D)  $8\frac{1}{2}$  inches
4. [MA4DB01 D] What is the length of the longest line segment? [View Image](#)
  - A)  $4\frac{3}{4}$  inches
  - B) 5 inches
  - C)  $5\frac{1}{4}$  inches
  - D)  $5\frac{1}{2}$  inches
5. [MA4DB01 E] Which line segment is  $3\frac{3}{4}$  inches? [View Image](#)
  - A) line segment A
  - B) line segment B
  - C) line segment C
6. [MA4DB01 F] If a quarter inch were added to line segment A, it would be \_\_\_\_\_ . [View Image](#)
  - A) 2 inches
  - B)  $2\frac{1}{2}$  inches
  - C)  $4\frac{1}{2}$  inches
  - D) 3 inches
7. [MA4DB01 G] If a half inch was subtracted from line segment C, it would be \_\_\_\_\_ . [View Image](#)
  - A)  $3\frac{3}{4}$  inches
  - B) 4 inches
  - C)  $4\frac{1}{2}$  inches
  - D)  $5\frac{1}{4}$  inches
8. [MA4DB01 H] What is the length of this line segment? [View Image](#)
  - A)  $1\frac{3}{4}$  inches
  - B) 2 inches
  - C)  $2\frac{1}{2}$  inches
  - D)  $2\frac{1}{4}$  inches
9. [MA4DB01 I] What is the length of the monkey's tail? [View Image](#)
  - A)  $3\frac{1}{4}$  inches
  - B) 3 inches
  - C) 4 inches
  - D)  $4\frac{3}{4}$  inches
10. [MA4DB01 J] How long is the elephant's trunk? [View Image](#)
  - A) 4 inches
  - B)  $4\frac{1}{2}$  inches
  - C)  $4\frac{3}{4}$  inches
  - D)  $5\frac{1}{2}$  inches
11. [MA4DB01 K] How long is the giraffe's neck? [View Image](#)
  - A)  $3\frac{3}{4}$  inches
  - B) 4 inches
  - C)  $4\frac{1}{2}$  inches
  - D) 5 inches
12. [MA4DB01 L] Which line segment is 4 inches long? [View Image](#)
  - A) line segment A

- B) line segment B  
 C) line segment C
13. [MA4DB01 M] Choose the true sentence. [View Image](#)  
A) Line segment A is  $3\frac{3}{4}$  inches.  
B) Line segment B is 4 inches  
 C) Line segment C is 4 inches.  
D) Line segment C is  $4\frac{3}{4}$  inches.
14. [MA4DB01 N] Which line segment would be 3 inches if three-quarters of an inch were added to it? [View Image](#)  
A) line segment A  
 B) line segment B  
C) line segment C
15. [MA4DB01 O] Which line segment would be  $3\frac{3}{4}$  inches if a half inch was added to its length? [View Image](#)  
 A) line segment A  
B) line segment B  
C) line segment C
16. [MA4DB01 P] Choose the line segments that form a  $6\frac{1}{4}$ -inch line segment. [View Image](#)  
A) line segments A and B  
 B) line segments B and C  
C) line segments A and C  
D) line segments A, B, and C
17. [MA4DB01 Q] Choose the true sentence. [View Image](#)  
A) One side has a length of 2 inches.  
B) This shape has a perimeter of 8 inches.  
 C) This shape is a square.  
D) This shape has exactly 2 sides.
18. [MA4DB01 R] Measure the base of this triangle. [View Image](#)  
A)  $1\frac{1}{2}$  inches  
 B)  $1\frac{3}{4}$  inches  
C) 2 inches  
D)  $2\frac{1}{4}$  inches
19. [MA4DB01 S] Choose the true sentence. [View Image](#)  
A) This shape is a regular pentagon.  
B) The perimeter of this shape is  $4\frac{1}{2}$  inches.  
 C) Each side is  $2\frac{1}{4}$  inches.  
D) The shape's length is longer than its width.
20. [MA4DB01 T] Measure the base of the triangle. [View Image](#)  
A) 4 inches  
B)  $2\frac{3}{4}$  inches  
C) 3 inches  
 D)  $3\frac{1}{4}$  inches

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Converting Customary Measurements of Length #(3593)

1. [MA4DB02 A] 36 inches = \_\_\_\_\_ feet  
A) 12  
B) 1  
 C) 3  
D) 432
2. [MA4DB02 B] 48 inches = \_\_\_\_\_ feet  
 A) 4  
B) 3  
C) 16  
D) 576
3. [MA4DB02 C] 3 feet = \_\_\_\_\_ inches  
 A) 1  
B) 36  
C) 12  
D) 24
4. [MA4DB02 D] 1 yard = \_\_\_\_\_ feet  
 A) 2  
B) 24  
C) 3  
D) 12
5. [MA4DB02 E] 4 yards = \_\_\_\_\_ feet  
 A) 12  
B) 1  
C) 3  
D) 24
6. [MA4DB02 F] 30 feet = \_\_\_\_\_ yards  
 A) 240  
B) 10  
C) 1  
D) 3
7. [MA4DB02 G] 24 feet = \_\_\_\_\_ yards  
 A) 8  
B) 6  
C) 3  
D) 72
8. [MA4DB02 H] 6 feet = \_\_\_\_\_ inches  
 A) 2  
B) 72  
C) 3  
D) 48
9. [MA4DB02 I] Select the correct operation to convert yards to feet.  
A) addition  
B) subtraction  
 C) multiplication  
D) division
10. [MA4DB02 J] Select the correct operation to convert inches to feet.  
A) addition  
B) subtraction  
C) multiplication  
 D) division
11. [MA4DB02 K] Select the correct operation to convert feet to yards.  
A) addition  
B) subtraction  
C) multiplication  
 D) division
12. [MA4DB02 L] Select the correct operation to convert feet to inches.  
A) addition  
B) subtraction  
 C) multiplication  
D) division
13. [MA4DB02 M] Bonnie hit the tennis ball 6 yards. How many feet did the ball travel?  
 A) 18 feet

- B) 2 feet  
C) 6 feet  
D) 12 feet
14. [MA4DB02 N] Janelle kicked the soccer ball 10 feet into the goal. How many inches did the ball travel?  
A) 20 inches  
B) 5 inches  
 C) 120 inches  
D) 150 inches
15. [MA4DB02 O] John bunted the baseball 3 feet. How many inches did the ball travel?  
A) 1 inch  
B) 9 inches  
C) 18 inches  
 D) 36 inches
16. [MA4DB02 P] John bunted the baseball 3 feet. How many yards did the ball travel?  
 A) 1 yard  
B) 3 yards  
C) 6 yards  
D) 9 yards
17. [MA4DB02 Q] Lucia hit a golf ball 240 feet. How many yards did she hit the ball?  
 A) 80 yards  
B) 60 yards  
C) 120 yards  
D) 300 yards
18. [MA4DB02 R] Which is true?  
A) 36 feet = 3 inches  
 B) 36 inches = 3 feet  
C) 36 yards = 3 feet  
D) 36 feet = 3 yards
19. [MA4DB02 S] Which is true?  
 A) 48 inches = 4 feet  
B) 48 feet = 4 inches  
C) 48 yards = 4 feet  
D) 48 feet = 4 yards
20. [MA4DB02 T] Which is true?  
A) 6 inches = 2 feet  
B) 6 yards = 2 feet  
 C) 6 feet = 2 yards  
D) 6 feet = 2 inches

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Customary Units of Capacity #(3594)

1. [MA4DB03 A] Select the greatest amount.
  - A) 1 cup
  - B) 1 quart
  - C) 1 gallon
2. [MA4DB03 B] Select the greatest amount.
  - A) 20 quarts
  - B) 20 cups
  - C) 20 pints
3. [MA4DB03 C] Select the least amount.
  - A) 3 pints
  - B) 3 cups
  - C) 3 gallons
4. [MA4DB03 D] Select the least amount.
  - A) 7 gallons
  - B) 7 pints
  - C) 7 quarts
5. [MA4DB03 E] How many cups are in a pint?
  - A) 2 cups
  - B) 4 cups
  - C) 8 cups
  - D) 16 cups
6. [MA4DB03 F] How many pints are in a quart?
  - A) 2 pints
  - B) 4 pints
  - C) 6 pints
  - D) 16 pints
7. [MA4DB03 G] How many quarts are in a gallon?
  - A) 2 quarts
  - B) 4 quarts
  - C) 6 quarts
  - D) 8 quarts
8. [MA4DB03 H] What is the capacity of this container? [View Image](#)
  - A) 2 cups
  - B) 4 pints
  - C) 1 quart
9. [MA4DB03 I] How much juice is in the container? [View Image](#)
  - A) 4 cups
  - B) 1 pint
  - C) 1 quart
  - D) 2 gallons
10. [MA4DB03 J] If the amount of juice doubled, how much juice would be in the container? [View Image](#)
  - A) 1 cup
  - B) 1 pint
  - C) 1 quart
  - D) 1 gallon
11. [MA4DB03 K] There is 1 pint of liquid in this container. What is the capacity of this container? [View Image](#)
  - A) 1 gallon
  - B) 1 quart
  - C) 4 pints
  - D) 4 cups
12. [MA4DB03 L] There is 1 pint of liquid in this container. If another pint were added, how much liquid would there be? [View Image](#)
  - A) 2 cups
  - B) 1 pint
  - C) 1 quart
  - D) 2 gallons
13. [MA4DB03 M] There are two quarts of liquid in this container. What is the capacity of this container? [View Image](#)
  - A) 1 cup
  - B) 1 pint
  - C) 1 quart

- D) 1 gallon
14. [MA4DB03 N] Each of these containers has a 1-gallon capacity. Which container has 1 quart of liquid? [View Image](#)
- A) container A
- B) container B
- C) container C
15. [MA4DB03 O] There are 2 quarts of liquid in this container. How much liquid must be added to make 1 gallon? [View Image](#)
- A) 2 cups
- B) 2 quarts
- C) 2 pints
- D) 1 gallon
16. [MA4DB03 P] If the capacity of the container is 1 gallon, how much liquid is in the container? [View Image](#)
- A) 1 cup
- B) 1 pint
- C) 1 quart
- D) 1 gallon
17. [MA4DB03 Q] There is 1 quart of liquid in this container. How much liquid must be added to make 1 gallon? [View Image](#)
- A) 1 quart
- B) 2 quarts
- C) 3 quarts
- D) 4 quarts
18. [MA4DB03 R] Each of these containers has a 1-gallon capacity. Which container has 1 pint of liquid? [View Image](#)
- A) container A
- B) container B
- C) container C
19. [MA4DB03 S] Each of these containers has a 1-gallon capacity. Which container has 2 quarts of liquid? [View Image](#)
- A) container A
- B) container B
- C) container C
20. [MA4DB03 T] The container originally held 1 quart of liquid. How much liquid was then added to the container? [View Image](#)
- A) 1 quart
- B) 2 quarts
- C) 3 quarts
- D) 4 cups

## Questions and Responses

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### Lesson Quiz

Date: 3/16/2021

Subject: Math

Level: 4

Lesson: Converting Customary Units of Capacity #(3595)

1. [MA4DB04 A] Fill in the blanks.

**7 quarts = \_\_\_ pints = \_\_\_ cups**

- A) 1, 7  
 B) 2, 14  
 C) 14, 28  
 D) 28, 56

[View Image](#)

2. [MA4DB04 B] Fill in the blanks.

**2 quarts = \_\_\_ pints = \_\_\_ cups**

- A) 4, 8  
 B) 8, 16  
 C) 4, 16  
 D) 8, 4

[View Image](#)

3. [MA4DB04 C] Fill in the blanks.

**\_\_\_ quarts = 10 pints = \_\_\_ cups**

- A) 2, 20  
 B) 10, 20  
 C) 15, 20  
 D) 5, 20

[View Image](#)

4. [MA4DB04 D] Fill in the blanks.

**\_\_\_ gallons = \_\_\_ quarts = 8 pints**

- A) 1, 4  
 B) 4, 4  
 C) 1, 6  
 D) 2, 6

[View Image](#)

5. [MA4DB04 E] Fill in the blanks.

**3 gallons = \_\_\_ quarts = \_\_\_ pints**

- A) 6, 12  
 B) 9, 12  
 C) 12, 28  
 D) 12, 24

[View Image](#)

6. [MA4DB04 F] Fill in the blanks.

**\_\_\_ gallons = 16 quarts = \_\_\_ pints**

- A) 4, 32  
 B) 2, 24  
 C) 3, 24  
 D) 3, 32

[View Image](#)

7. [MA4DB04 G] Look at the container. How many pints of liquid are in the container?

- A) 2 pints  
 B) 4 pints  
 C) 6 pints  
 D) 8 pints

[View Image](#)

8. [MA4DB04 H] Look at the container. How many cups of liquid are in the container?

- A) 6 cups  
 B) 8 cups  
 C) 12 cups  
 D) 16 cups

[View Image](#)

9. [MA4DB04 I] Look at the container. How many pints of liquid are in the container?
















- A) 6 pints  
 B) 8 pints  
 C) 10 pints  
 D) 12 pints

[View Image](#)

10. [MA4DB04 J] Look at the container. How many cups of liquid are in the container?

- A) 8 cups  
 B) 12 cups  
 C) 16 cups  
 D) 24 cups

[View Image](#)

11.  [MA4DB04 K] Look at the container. How many quarts of liquid are in the container? [View Image](#)
-  A) 10 quarts  
 B) 15 quarts  
 C) 20 quarts  
 D) 40 quarts
12. [MA4DB04 L] Look at the container. How many cups of liquid are in the container? [View Image](#)
- A) 10 cups  
 B) 20 cups  
 C) 30 cups  
 D) 40 cups
13.  [MA4DB04 M] Look at the recipe. What is the total number of cups of juice? [View Image](#)
- A) 0 cups  
 B) 4 cups  
 C) 8 cups  
 D) 10 cups
14. [MA4DB04 N] Look at the recipe. What is the total number of pints of juice? [View Image](#)
- A) 1 pint  
 B) 4 pints  
 C) 5 pints  
 D) 10 pints
15.  [MA4DB04 O] Look at the recipe. What is the total number of cups of snack mix? [View Image](#)
- A) 12 cups  
 B) 8 cups  
 C) 10 cups  
 D) 4 cups
16. [MA4DB04 P] Look at the recipe. What is the total number of pints of snack mix? [View Image](#)
- A) 3 pints  
 B) 6 pints  
 C) 12 pints  
 D) 14 pints
17. [MA4DB04 Q] Look at the recipe. What is the total number of quarts of snack mix? [View Image](#)
- A) 4 quarts  
 B) 2 quarts  
 C) 1 quarts  
 D) 3 quarts
18. [MA4DB04 R] Fill in the blanks with the correct unit of measurement. [View Image](#)
- 32 \_\_\_ = 4 gallons**
-  A) cups  
 B) pints  
 C) quarts  
 D) gallons
19. [MA4DB04 S] Fill in the blanks with the correct unit of measurement. [View Image](#)
- 8 \_\_\_ = 2 gallons**
- A) cups  
 B) pints  
 C) quarts  
 D) gallons
20. [MA4DB04 T] Fill in the blanks with the correct unit of measurement. [View Image](#)
- 18 \_\_\_ = 9 pints**
-  A) cups  
 B) pints  
 C) quarts  
 D) gallons

## Questions and Responses

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### Lesson Quiz

Date: 3/16/2021

Subject: Math

Level: 4

Lesson: Customary Units of Weight #(3596)

1. [MA4DB05 A] To balance this scale, blue weights need to be \_\_\_\_\_. [View Image](#)  
 A) added to side 1  
 B) removed from side 1  
 C) added to side 2  
 D) removed from side 2
2. [MA4DB05 B] Choose the correct statement. [View Image](#)  
 A) Box A is heavier than the blue weights.  
 B) Box A is lighter than the blue weights.  
 C) Box A is balanced by the blue weights.
3. [MA4DB05 C] To balance this scale, blue weights need to be \_\_\_\_\_. [View Image](#)  
 A) added to side 1  
 B) removed from side 1  
 C) added to side 2  
 D) none of the above
4. [MA4DB05 D] If box B was removed, side 1 would \_\_\_\_\_. [View Image](#)  
 A) remain unchanged  
 B) rise  
 C) lower
5. [MA4DB05 E] If another box were added to side 1, side 2 would \_\_\_\_\_. [View Image](#)  
 A) remain unchanged  
 B) rise  
 C) lower
6. [MA4DB05 F] Which box is heavier? [View Image](#)  
 A) box A  
 B) box B  
 C) Box A and box B are the same weight.
7. [MA4DB05 G] If box B weighed 10 pounds, then which statement would be true? [View Image](#)  
 A) Box A weighs more than 10 pounds.  
 B) Box A weighs less than 10 pounds.  
 C) Box A weighs 10 pounds.
8. [MA4DB05 H] If box A weighed 5 pounds, then which statement would be true? [View Image](#)  
 B) Box B weighs less than 5 pounds.  
 C) Box B weighs 5 pounds.
9. [MA4DB05 I] Which side has the most weight on it? [View Image](#)  
 B) side 2  
 C) Both sides have the same weight.
10. [MA4DB05 J] If the 15-pound weights were removed, side 1 would \_\_\_\_\_. [View Image](#)  
 A) lower  
 B) stay at the same height  
 C) rise
11. [MA4DB05 K] Box B weighs 35 pounds. If box A were replaced with box B, what would happen to side 2? [View Image](#)  
 C) Side 2 would rise.  
 B) Side 2 would remain at the same height.  
 A) Side 2 would lower.
12. [MA4DB05 L] What is the weight of box A? [View Image](#)  
 D) 11 pounds  
 C) 9 pounds  
 B) 7 pounds  
 A) 3 pounds
13. [MA4DB05 M] Choose the correct statement. [View Image](#)  
 C) Box A weighs less than 8 pounds.  
 B) Box A weighs 8 pounds.  
 A) Box A weighs more than 8 pounds.
14. [MA4DB05 N] What is the next step in finding the weight of box A? [View Image](#)  
 C) Remove a 4-pound weight from side 2.  
 B) Remove box A from side 1.  
 A) Add a 4-pound weight to side 2.  
 D) Add a 4-pound weight to side 1.

15. [MA4DB05 O] If a 4-pound weight were removed from side 2, side 1 would most likely \_\_\_\_\_. [View Image](#)
- A) lower
  - B) stay at the same height.
  - C) rise
16. [MA4DB05 P] A necklace has 16 charms, and each charm weighs 1 ounce. How many pounds does the necklace weigh?
- A)  $\frac{1}{2}$  pound
  - B) 1 pound
  - C)  $1\frac{1}{2}$  pounds
  - D) 2 pounds
17. [MA4DB05 Q] A tow truck weighs 4,000 pounds. How many tons does the truck weigh?
- A) 1 ton
  - B) 2 tons
  - C) 3 tons
  - D) 4 tons
18. [MA4DB05 R] A delivery truck was carrying a ton of televisions. How many pounds was the delivery?
- A) 1,000 pounds
  - B) 2,000 pounds
  - C) 3,000 pounds
  - D) 4,000 pounds
19. [MA4DB05 S] Karen's bug bag can hold 1 pound. If each of her rare beetles weighs 4 ounces, how many beetles can fit in her bug bag?
- A) 4 beetles
  - B) 8 beetles
  - C) 10 beetles
  - D) 12 beetles
20. [MA4DB05 T] Karen collects bugs. Each of her rare beetles weighs 4 ounces. The total weight of her collection is 32 ounces. How many pounds do her bugs weigh?
- A) 1 pound
  - B) 2 pounds
  - C) 3 pounds
  - D) 4 pounds

## Questions and Responses

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### Lesson Quiz

Date: 3/16/2021

Subject: Math

Level: 4

Lesson: Converting Customary Units of Weight #(3597)

1. [MA4DB06 A] Select the equivalent measurement.  
**32 ounces = \_\_\_\_\_**  
 A) 1 pound  
 B) 2 pounds  
 C) 3 pounds  
 D) 4 pounds
2. [MA4DB06 B] Select the equivalent measurement.  
**1 pound = \_\_\_\_\_**  
 A) 8 ounces  
 B) 16 ounces  
 C) 32 ounces  
 D) 48 ounces
3. [MA4DB06 C] Select the equivalent measurement.  
**2 tons = \_\_\_\_\_**  
 A) 1,000 pounds  
 B) 2,000 pounds  
 C) 3,000 pounds  
 D) 4,000 pounds
4. [MA4DB06 D] Select the equivalent measurement.  
**16 ounces = \_\_\_\_\_**  
 A) 1 pound  
 B) 2 pounds  
 C) 3 pounds  
 D) 4 pounds
5. [MA4DB06 E] Select the equivalent measurement.  
**2,000 pounds = \_\_\_\_\_**  
 A) 1 ton  
 B) 2 tons  
 C) 3 tons  
 D) 4 tons
6. [MA4DB06 F] Select the correct sign.  
**32 ounces \_\_\_\_\_ 3 pounds**  
 A) >  
 B) <  
 C) =
7. [MA4DB06 G] Select the correct sign.  
**10 pounds \_\_\_\_\_ 160 ounces**  
 A) >  
 B) <  
 C) =
8. [MA4DB06 H] Select the correct sign.  
**1 pound and 5 ounces \_\_\_\_\_ 30 ounces**  
 A) <  
 B) >  
 C) =
9. [MA4DB06 I] If each weight is 16 ounces, how many pounds is box A? [View Image](#)  
 A) 1 pound  
 B) 2 pounds  
 C) 3 pounds  
 D) 4 pounds
10. [MA4DB06 J] How many pounds is box A? [View Image](#)  
 A) 1 pound  
 B) 2 pounds  
 C) 3 pounds  
 D) 4 pounds
11. [MA4DB06 K] If box A weighs 4,000 pounds, how many tons are needed to balance the scale? [View Image](#)  
 A) 1 ton  
 B) 2 tons  
 C) 3 tons  
 D) 4 tons

12. [MA4DB06 L] If box A weighs 4 tons, how many pounds are needed to balance the scale? [View Image](#)
- A) 2,000 pounds
  - B) 4,000 pounds
  - C) 6,000 pounds
  - D) 8,000 pounds
13. [MA4DB06 M] George bought a 3-pound bag of potatoes and a 32-ounce bag of carrots. How many pounds of carrots did George buy?
- A) 1 pound
  - B) 2 pounds
  - C) 3 pounds
  - D) 4 pounds
14. [MA4DB06 N] George bought a 3-pound bag of potatoes and a 32-ounce bag of carrots. How many ounces of potatoes did George buy?
- A) 16 ounces
  - B) 24 ounces
  - C) 32 ounces
  - D) 48 ounces
15. [MA4DB06 O] George bought a 3-pound bag of potatoes and a 32-ounce bag of carrots. How many pounds of vegetables did George buy?
- A) 3 pounds
  - B) 5 pounds
  - C) 6 pounds
  - D) 8 pounds
16. [MA4DB06 P] A delivery truck has dumped 2 tons of sand on the beach. How many pounds have been dumped?
- A) 2,000 pounds
  - B) 4,000 pounds
  - C) 6,000 pounds
  - D) 8,000 pounds
17. [MA4DB06 Q] A delivery truck has dumped 6,000 pounds of sand on the beach. How many tons have been dumped on the beach?
- A) 2 tons
  - B) 3 tons
  - C) 4 tons
  - D) 5 tons
18. [MA4DB06 R] Mandy's bag of fruit weighs 2 pounds. How many ounces does her bag of fruit weigh?
- A) 16 ounces
  - B) 32 ounces
  - C) 48 ounces
  - D) 64 ounces
19. [MA4DB06 S] Mandy's watermelon weighs 4 pounds. How many ounces does the watermelon weigh?
- A) 32 ounces
  - B) 48 ounces
  - C) 64 ounces
  - D) 80 ounces
20. [MA4DB06 T] Mandy has 48 ounces of grapes. How many pounds do the grapes weigh?
- A) 1 pound
  - B) 2 pounds
  - C) 3 pounds
  - D) 4 pounds

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Temperature #(3598)

1. [MA4DB07 A] What is the temperature? [View Image](#)
  - A) 54°F
  - B) 56°F
  - C) 58°F
  - D) 60°F
2. [MA4DB07 B] What is the temperature? [View Image](#)
  - A) 60°F
  - B) 62°F
  - C) 64°F
  - D) 66°F
3. [MA4DB07 C] What would the temperature be if it increased by 22°F? [View Image](#)
  - A) 68°F
  - B) 78°F
  - C) 80°F
  - D) 82°F
4. [MA4DB07 D] What would the temperature be if it decreased by 22°F? [View Image](#)
  - A) 40°F
  - B) 42°F
  - C) 44°F
  - D) 46°F
5. [MA4DB07 E] What would the temperature be if it decreased by 2°F? [View Image](#)
  - A) 76°F
  - B) 78°F
  - C) 80°F
  - D) 82°F
6. [MA4DB07 F] What would the temperature be if it increased 4°F? [View Image](#)
  - A) 64°F
  - B) 66°F
  - C) 68°F
  - D) 70°F
7. [MA4DB07 G] What would the temperature be if it increased 6°F? [View Image](#)
  - A) 76°F
  - B) 80°F
  - C) 86°F
  - D) 88°F
8. [MA4DB07 H] What would the temperature be if it decreased 6°F? [View Image](#)
  - A) 76°F
  - B) 80°F
  - C) 86°F
  - D) 88°F
9. [MA4DB07 I] Which thermometer shows the warmer temperature? [View Image](#)
  - A) thermometer 1
  - B) thermometer 2
  - C) Both thermometers show the same temperature.
10. [MA4DB07 J] Which thermometer shows the colder temperature? [View Image](#)
  - A) thermometer 1
  - B) thermometer 2
  - C) Both thermometers show the same temperature.
11. [MA4DB07 K] Select the true statement. [View Image](#)
  - A) The temperature of thermometer 1 is 76°F.
  - B) The temperature of thermometer 2 is 81°F.
  - C) The temperature of thermometer 1 is 78°F.
  - D) The temperature of thermometer 2 is 84°F.
12. [MA4DB07 L] Select the true statement. [View Image](#)
  - A) The marks on thermometer 1 are in 2-degree intervals.
  - B) The marks on thermometer 2 are in 2-degree intervals.
  - C) The marks on thermometer 1 and thermometer 2 are in 2-degree intervals.
  - D) The marks on thermometer 1 and thermometer 2 are in 1-degree intervals.
13. [MA4DB07 M] What is the sum of the temperatures shown in the thermometers? [View Image](#)
  - A) 115°F
  - B) 120°F

- C) 135°F  
D) 145°F
14. [MA4DB07 N] What is the difference of the temperatures shown in the thermometers? [View Image](#)  
A) 6°F  
 B) 8°F  
C) 10°F  
D) 12°F
15. [MA4DB07 O] What is the sum of the temperatures shown in the thermometers? [View Image](#)  
A) 150°F  
B) 159°F  
 C) 160°F  
D) 165°F
16. [MA4DB07 P] What is the difference of the temperatures shown on the thermometers? [View Image](#)  
A) 3°F  
 B) 4°F  
C) 6°F  
D) 8°F
17. [MA4DB07 Q] How many more degrees must the temperature rise to reach 68°F? [View Image](#)  
A) 15°F  
 B) 20°F  
C) 25°F  
D) 30°F
18. [MA4DB07 R] How many more degrees must the temperature rise to reach 82°F? [View Image](#)  
A) 2°F  
 B) 4°F  
C) 6°F  
D) 8°F
19. [MA4DB07 S] How many degrees must the temperature decrease to reach 34°F? [View Image](#)  
A) 14°F  
B) 16°F  
 C) 18°F  
D) 20°F
20. [MA4DB07 T] How many degrees must the temperature decrease to reach 48°F? [View Image](#)  
A) 40°F  
 B) 50°F  
C) 55°F  
D) 60°F

## Questions and Responses

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## Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Customary System #(654)

1. [MA4DB 1] How long is the monkey's tail? [View Image](#)
- A)  $3 \frac{1}{4}$  inches  
 B)  $3 \frac{1}{2}$  inches  
 C)  $3 \frac{3}{4}$  inches  
 D) 4 inches
2. [MA4DB 2] Measure the base of the triangle. [View Image](#)
- A) 4 inches  
 B)  $2 \frac{3}{4}$  inches  
 C) 3 inches  
 D)  $3 \frac{1}{4}$  inches
3. [MA4DB 3] What is the length of one side of the square? [View Image](#)
- A)  $1 \frac{3}{4}$  inches  
 B) 2 inches  
 C)  $2 \frac{1}{4}$  inches  
 D) 3 inches
4. [MA4DB 4] Which line segment would be  $3 \frac{3}{4}$  inches if a half-inch was added to its length? [View Image](#)
- A) line segment A  
 B) line segment B  
 C) line segment C
5. [MA4DB 5] Which line segment is  $2 \frac{1}{4}$  inches? [View Image](#)
- A) line segment A  
 B) line segment B  
 C) line segment C
6. [MA4DB 6] If a quarter-inch were added to line segment C, it would be \_\_\_\_\_. [View Image](#)
- A)  $3 \frac{3}{4}$  inches  
 B) 4 inches  
 C)  $4 \frac{1}{4}$  inches  
 D)  $4 \frac{3}{4}$  inches
7. [MA4DB 7] What is the length of the longest line segment? [View Image](#)
- A)  $4 \frac{3}{4}$  inches  
 B) 5 inches  
 C)  $5 \frac{1}{4}$  inches  
 D)  $5 \frac{1}{2}$  inches
8. [MA4DB 10] What is the length of the longest line segment? [View Image](#)
- A) 4 inches  
 B)  $4 \frac{3}{4}$  inches  
 C)  $5 \frac{1}{4}$  inches  
 D)  $5 \frac{1}{2}$  inches
9. [MA4DB 11] 4 yards = \_\_\_\_\_ feet
- A) 3  
 B) 12  
 C) 16  
 D) 24
10. [MA4DB 12] 30 feet = \_\_\_\_\_ yards
- A) 3  
 B) 5  
 C) 8  
 D) 10
11. [MA4DB 13] 24 feet = \_\_\_\_\_ yards
- A) 8  
 B) 12  
 C) 3  
 D) 48
12. [MA4DB 14] 6 feet = \_\_\_\_\_ inches
- A) 12  
 B) 72  
 C) 20  
 D) 24
13. [MA4DB 15] Josh ran 100 yards for the track team. How many feet did he run?

- A) 10 feet  
 B) 120 feet  
 C) 300 feet  
 D) 360 feet
14. [MA4DB 16] Sara threw the basketball 33 feet in the last seconds of the game. How many yards did the ball travel?  
 A) 11 yards  
 B) 99 yards  
 C) 10 yards  
 D) 17 yards
15. [MA4DB 21] How many quarts are in a gallon?  
 B) 4 quarts  
 C) 6 quarts  
 D) 8 quarts
16. [MA4DB 22] How many cups are in a pint?  
 A) 2 cups  
 B) 4 cups  
 C) 6 cups  
 D) 8 cups
17. [MA4DB 23] How many pints are in a quart?  
 A) 2 pints  
 B) 4 pints  
 C) 6 pints  
 D) 8 pints
18. [MA4DB 24] What is the capacity of the container? [View Image](#)  
 A) 1 gallon  
 B) 1 quart  
 C) 1 pint  
 D) 1 cup
19. [MA4DB 25] This container has a capacity of 1 gallon. If the amount of juice increased by 1 pint, how much juice would be in the container? [View Image](#)  
 A) 1 cup  
 B) 1 pint  
 C) 1 quart  
 D) 1 gallon
20. [MA4DB 26] This container is holding 2 quarts of juice. How much juice must be added to make one gallon? [View Image](#)  
 B) 2 quarts  
 C) 2 pints  
 D) 2 gallons
21. [MA4DB 27] Each of these containers has a capacity of 1 gallon. Which container needs 3 quarts of juice to fill it to capacity? [View Image](#)  
 B) container B  
 C) container C
22. [MA4DB 28] The capacity of the container is 1 gallon. If the amount of juice decreased by half, how much would remain? [View Image](#)  
 B) 1 pint  
 C) 2 pints  
 D) 4 cups
23. [MA4DB 29] The container originally held 1 quart of juice. How much more juice has been added to the container? [View Image](#)  
 C) 3 quarts  
 D) 3 gallons
24. [MA4DB 30] Each of these containers has a 1-gallon capacity. Which container is filled with 2 pints of liquid? [View Image](#)  
 B) container B  
 C) container C
25. [MA4DB 31] Fill in the blanks.  
**\_\_\_ quarts = 8 pints = \_\_\_ cups** [View Image](#)  
 A) 4, 16  
 B) 1, 16  
 C) 1, 10  
 D) 10, 16
26. [MA4DB 32] Fill in the blanks.  
**5 quarts = \_\_\_ pints = \_\_\_ cups** [View Image](#)

- A) 20, 10  
 B) 8, 16  
 C) 10, 16  
 D) 10, 20
27. [MA4DB 33] Fill in the blanks. [View Image](#)  
**6 quarts = \_\_\_ pints = \_\_\_ cups**  
 A) 8, 16  
 B) 10, 20  
 C) 12, 24  
 D) 12, 16
28. [MA4DB 34] Look at the container. How many pints of liquid are in the container? [View Image](#)  
 A) 40 pints  
 B) 20 pints  
 C) 15 pints  
 D) 10 pints
29. [MA4DB 35] Look at the container. How many cups of liquid are in the container? [View Image](#)  
 A) 40 cups  
 B) 30 cups  
 C) 20 cups  
 D) 10 cups
30. [MA4DB 36] Look at the container. How many cups of liquid are needed to fill it to capacity? [View Image](#)  
 A) 4 cups  
 B) 8 cups  
 C) 10 cups  
 D) 16 cups
31. [MA4DB 37] Look at the recipe. What is the total number of cups of juice? [View Image](#)  
 A) 10 cups  
 B) 8 cups  
 C) 4 cups  
 D) 0 cups
32. [MA4DB 38] Look at the recipe. What is the total number of pints of juice? [View Image](#)  
 A) 10 pints  
 B) 5 pints  
 C) 4 pints  
 D) 1 pints
33. [MA4DB 39] Look at the recipe. What is the total number of cups of snack mix? [View Image](#)  
 A) 10 cups  
 B) 12 cups  
 C) 8 cups  
 D) 4 cups
34. [MA4DB 40] Fill in the blanks with the correct measurement unit. [View Image](#)  
**12 \_\_\_ = 3 gallons**  
 A) gallons  
 B) quarts  
 C) pints  
 D) cups
35. [MA4DB 41] Fill in the blanks with the correct measurement unit. [View Image](#)  
**12 \_\_\_ = 3 quarts**  
 A) gallons  
 B) quarts  
 C) pints  
 D) cups
36. [MA4DB 42] Choose the correct statement. [View Image](#)  
 A) Box A is heavier than the blue weights.  
 B) Box A is lighter than the blue weights.  
 C) Box A is balanced by the blue weights.
37. [MA4DB 43] To balance this scale, weights need to be \_\_\_\_\_. [View Image](#)  
 A) added to side 1  
 B) removed from side 1  
 C) added to side 2  
 D) none of the above
38. [MA4DB 44] A delivery truck is carrying a ton of televisions. How many pounds was the delivery? [View Image](#)  
 A) 1,000 pounds  
 B) 2,000 pounds  
 C) 3,000 pounds  
 D) 4,000 pounds
39. [MA4DB 45] A tow truck weighs 4,000 pounds. How many tons does the truck weigh? [View Image](#)  
 A) 1 ton  
 B) 2 tons

- C) 3 tons  
D) 4 tons
40. [MA4DB 46] A necklace has 16 charms, and each charm weighs 1 ounce. How many pounds does the necklace weigh?  
A)  $\frac{1}{2}$  pound  
 B) 1 pound  
C)  $1\frac{1}{2}$  pound  
D) 2 pounds
41. [MA4DB 47] What is the next step in finding the weight of box A? [View Image](#)  
A) Add a 4-pound weight to side 1.  
B) Add a 4-pound weight to side 2.  
C) Remove box A from side 1.  
 D) Remove a 4-pound weight from side 2.
42. [MA4DB 48] Which statement best describes the picture? [View Image](#)  
A) Box A weighs more than 8 pounds.  
B) Box A weighs 8 pounds.  
 C) Box A weighs less than 8 pounds.
43. [MA4DB 49] If a 4-pound weight was removed from side 2, side 1 would most likely \_\_\_\_\_.  
[View Image](#)  
 A) lower  
B) remain the same  
C) rise
44. [MA4DB 50] Which box is heavier? [View Image](#)  
 A) box A  
B) box B  
C) Box A and box B are the same weight.
45. [MA4DB 51] Which statement best describes this picture? [View Image](#)  
 A) Box A weighs more than 10 pounds.  
B) Box A weighs less than 10 pounds.  
C) Box B weighs 8 pounds.  
D) Box B weighs more than 8 pounds.
46. [MA4DB 52] Choose the true statement. [View Image](#)  
A) Box A weighs 10 pounds.  
B) Box B weighs 8 pounds.  
 C) Box A weighs more than box B.  
D) Box B weighs 10 pounds.
47. [MA4DB 53] Select the equivalent measurement.  
**2 pounds = \_\_\_\_\_**  
A) 8 ounces  
B) 16 ounces  
 C) 32 ounces  
D) 48 ounces
48. [MA4DB 54] Select the equivalent measurement.  
**2 tons = \_\_\_\_\_**  
A) 1,000 pounds  
B) 2,000 pounds  
C) 3,000 pounds  
 D) 4,000 pounds
49. [MA4DB 55] Select the equivalent measurement.  
**2,000 pounds = \_\_\_\_\_**  
 A) 1 ton  
B) 2 tons  
C) 3 tons  
D) 4 tons
50. [MA4DB 56] A delivery truck has dumped 6,000 pounds of sand on the beach. How many tons have been dumped on the beach?  
A) 2 tons  
 B) 3 tons  
C) 4 tons  
D) 5 tons
51. [MA4DB 57] A delivery truck has dumped 2 tons of sand on the beach. How many pounds have been dumped on the beach?  
A) 2,000 pounds  
 B) 4,000 pounds  
C) 6,000 pounds  
D) 8,000 pounds
52. [MA4DB 58] The chef needs 4 pounds of beets for a recipe. How many ounces of beets are needed?  
A) 32 ounces  
B) 48 ounces  
 C) 64 ounces

- D) 80 ounces
53. [MA4DB 59] The chef has 32 ounces of red peppers and 8 ounces of green peppers. How many pounds of peppers are there altogether?
- A) 2  $\frac{1}{2}$  pounds
- B) 3 pounds
- C) 3  $\frac{1}{2}$  pounds
- D) 4 pounds
54. [MA4DB 60] The chef needs 3 pounds of oranges. How many ounces does he need?
- A) 32 ounces
- B) 48 ounces
- C) 64 ounces
- D) 80 ounces
55. [MA4DB 61] Two elephants are in the circus. Each elephant weighs 6,000 pounds. How many tons does each elephant weigh?
- A) 2 tons
- B) 3 tons
- C) 4 tons
- D) 5 tons
56. [MA4DB 62] Two elephants are in the circus. Each elephant weighs 6,000 pounds. How many tons do the elephants weigh altogether?
- A) 3 tons
- B) 6 tons
- C) 10 tons
- D) 12 tons
57. [MA4DB 63] What is the temperature? [View Image](#)
- A) 54°F
- B) 56°F
- C) 58°F
- D) 60°F
58. [MA4DB 64] The temperature of this thermometer reads \_\_\_\_\_. [View Image](#)
- A) 60°F
- B) 62°F
- C) 64°F
- D) 66°F
59. [MA4DB 65] The temperature of this thermometer reads \_\_\_\_\_. [View Image](#)
- A) 64°F
- B) 66°F
- C) 68°F
- D) 70°F
60. [MA4DB 66] The temperature of this thermometer reads \_\_\_\_\_. [View Image](#)
- A) 46°F
- B) 48°F
- C) 50°F
- D) 52°F
61. [MA4DB 67] The temperature of this thermometer reads \_\_\_\_\_. [View Image](#)
- A) 78°F
- B) 80°F
- C) 82°F
- D) 84°F
62. [MA4DB 68] What is the temperature? [View Image](#)
- A) 22°F
- B) 30°F
- C) 32°F
- D) 34°F
63. [MA4DB 69] What would the temperature be if it increased 4°F? [View Image](#)
- A) 50°F
- B) 52°F
- C) 54°F
- D) 56°F
64. [MA4DB 70] What would the temperature be if it increased 4°F? [View Image](#)
- A) 80°F
- B) 82°F
- C) 84°F
- D) 86°F
65. [MA4DB 71] How many degrees does the temperature have to rise to reach 98°F? [View Image](#)
- A) 10°F
- B) 12°F
- C) 16°F
- D) 18°F
66. [MA4DB 72] How many degrees does the temperature have to decrease to reach 44°F? [View Image](#)
- A) 20°F
- B) 22°F



- C) 24°F
- D) 26°F

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Metric Units of Length #(3599)

1. [MA4DC01 A] What is the length of the line segment? [View Image](#)  
A) 3 centimeters  
B) 4 centimeters  
C) 5 centimeters  
 D) 6 centimeters
2. [MA4DC01 B] Which of these line segments is 6 centimeters in length? [View Image](#)  
 A) line segment A  
B) line segment B  
C) line segment C
3. [MA4DC01 C] Which of these line segments is 5 centimeters in length? [View Image](#)  
 A) line segment A  
B) line segment B  
C) line segment C
4. [MA4DC01 D] What is the length of the line segment? [View Image](#)  
 A) 3 centimeters  
B) 4 centimeters  
C) 5 centimeters  
D) 6 centimeters
5. [MA4DC01 E] What is the combined length of line segments A and B? [View Image](#)  
A) 3 centimeters  
B) 5 centimeters  
 C) 9 centimeters  
D) 10 centimeters
6. [MA4DC01 F] What is the combined length of line segments A and B? [View Image](#)  
A) 4 centimeters  
B) 5 centimeters  
 C) 8 centimeters  
D) 14 centimeters
7. [MA4DC01 G] What is the combined length of line segments A and B? [View Image](#)  
A) 5 centimeters  
B) 6 centimeters  
 C) 7 centimeters  
D) 8 centimeters
8. [MA4DC01 H] What is the combined length of line segments A and B? [View Image](#)  
 A) 8 centimeters  
B) 10 centimeters  
C) 12 centimeters  
D) 14 centimeters
9. [MA4DC01 I] If this line segment were twice as long, what would its new length be? [View Image](#)  
 A) 6 centimeters  
B) 8 centimeters  
C) 10 centimeters  
D) 12 centimeters
10. [MA4DC01 J] If this line segment were twice as long, what would its new length be? [View Image](#)  
A) 7 centimeters  
B) 10 centimeters  
 C) 14 centimeters  
D) 28 centimeters
11. [MA4DC01 K] If this line segment were half as long, what would its new length be? [View Image](#)  
A) 2 centimeters  
B) 4 centimeters  
 C) 8 centimeters  
D) 16 centimeters
12. [MA4DC01 L] If this line segment were one-fourth as long, what would its new length be? [View Image](#)  
 A) 4 centimeters  
B) 5 centimeters  
C) 6 centimeters  
D) 10 centimeters
13. [MA4DC01 M] What is the length of this rectangle? [View Image](#)  
A) 2 centimeters  
B) 4 centimeters

- C) 6 centimeters  
 D) 8 centimeters
14. [MA4DC01 N] What is the length of this circle's diameter? [View Image](#)  
A) 4 centimeters  
B) 5 centimeters  
 C) 6 centimeters  
D) 8 centimeters
15. [MA4DC01 O] What is the length of this line segment? [View Image](#)  
 A) 12 centimeters  
B) 15 centimeters  
C) 16 centimeters  
D) 17 centimeters
16. [MA4DC01 P] If this line segment were three times as long, what would its new length be? [View Image](#)  
A) 10 centimeters  
 B) 18 centimeters  
C) 24 centimeters  
D) 30 centimeters
17. [MA4DC01 Q] If this line segment were four times as long, what would its new length be? [View Image](#)  
A) 13 centimeters  
B) 32 centimeters  
 C) 36 centimeters  
D) 48 centimeters
18. [MA4DC01 R] What is the difference between line segment B and line segment A? [View Image](#)  
 A) 1 cm  
B) 2 cm  
C) 3 cm  
D) 4 cm
19. [MA4DC01 S] How many centimeters are in 1 meter?  
A) 1 centimeter  
B) 10 centimeters  
 C) 100 centimeters  
D) 1,000 centimeters
20. [MA4DC01 T] What is the difference between line segment C and line segment B? [View Image](#)  
 A) 1 cm  
B) 2 cm  
C) 5 cm  
D) 6 cm

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Converting Metric Units of Length #(3600)

1. [MA4DC02 A] How many **millimeters** is this line segment? [View Image](#)  
A) 0.6 millimeter  
B) 6 millimeters  
 C) 60 millimeters  
D) 600 millimeters
2. [MA4DC02 B] How many **millimeters** is this line segment? [View Image](#)  
A) 0.4 millimeter  
B) 4 millimeters  
 C) 40 millimeters  
D) 400 millimeters
3. [MA4DC02 C] What is the combined length of these two line segments? [View Image](#)  
A) 7 millimeters  
 B) 70 millimeters  
C) 700 millimeters  
D) 70 centimeters
4. [MA4DC02 D] What is the combined length of these two line segments? [View Image](#)  
A) 1.6 millimeters  
B) 16 millimeters  
 C) 160 millimeters  
D) 1,600 millimeters
5. [MA4DC02 E] What is the combined length of these two line segments? [View Image](#)  
A) 1,300 centimeters  
B) 130 centimeters  
C) 1.3 centimeters  
 D) 13 centimeters
6. [MA4DC02 F] What is the combined length of these two line segments? [View Image](#)  
A) 11 meters  
B) 1.1 meters  
 C) 0.11 meters  
D) 0.011 meters
7. [MA4DC02 G] 10 centimeters = \_\_\_\_ meter(s)  
 A) 0.01  
B) 0.1  
C) 1  
D) 10
8. [MA4DC02 H] 20 millimeters = \_\_\_\_ centimeter(s)  
A) 0.02  
B) 0.2  
 C) 2  
D) 200
9. [MA4DC02 I] 1,000 meters = \_\_\_\_ kilometer(s)  
A) 0.01  
B) 0.1  
 C) 1  
D) 10
10. [MA4DC02 J] 300 millimeters = \_\_\_\_ centimeter(s)  
A) 0.3  
B) 3  
 C) 30  
D) 3,000
11. [MA4DC02 K] 15 centimeters = \_\_\_\_ meter(s)  
 A) 0.015  
B) 0.15  
C) 1.5  
D) 150
12. [MA4DC02 L] 1 meter = \_\_\_\_ kilometer(s)  
 A) 0.001  
B) 0.01  
C) 0.1  
D) 1,000
13. [MA4DC02 M] 9 meters = \_\_\_\_ kilometer(s)  
 A) 0.009

- B) 0.09  
C) 0.9  
D) 9,000
14. [MA4DC02 N] 8 kilometers = \_\_\_\_ meter(s)  
A) 0.8  
B) 80  
C) 800  
 D) 8,000
15. [MA4DC02 O] 1 kilometer = \_\_\_\_ meter(s)  
A) 0.01  
B) 10  
C) 100  
 D) 1,000
16. [MA4DC02 P] Janelle kicked the soccer ball 10 meters. How many kilometers did the soccer ball travel?  
 A) 0.01 kilometer  
B) 0.1 kilometer  
C) 1 kilometer  
D) 1,000 kilometers
17. [MA4DC02 Q] Jeremy bunted the baseball 300 centimeters. How many meters did the baseball travel?  
A) 0.03 meters  
B) 0.3 meters  
 C) 3 meters  
D) 30 meters
18. [MA4DC02 R] Gellar hit a golf ball 300 meters across the field. How many kilometers did the golf ball travel?  
A) 0.03 kilometers  
 B) 0.3 kilometers  
C) 3 kilometers  
D) 30 kilometers
19. [MA4DC02 S] Alex jogs 5,000 meters twice a day. How many kilometers does Alex jog each day?  
A) 0.01 kilometer  
B) 0.1 kilometer  
C) 1 kilometer  
 D) 10 kilometers
20. [MA4DC02 T] Janice walks 2 kilometers every morning. How many meters does Janice walk each day?  
A) 0.20 meters  
B) 20 meters  
C) 200 meters  
 D) 2,000 meters

## Questions and Responses

Close

## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Metric Units of Capacity #(3601)

1. [MA4DC03 A] Select the equal measurement.

**2 liters = \_\_\_ milliliters**

- A) 20  
B) 200  
 C) 2,000

2. [MA4DC03 B] Select the equal measurement.

**1,000 milliliters = \_\_\_ liter(s)**

- A) 1  
B) 10  
C) 100

3. [MA4DC03 C] Select the equal measurement.

**3 liters = \_\_\_ milliliters**

- A) 3,000  
B) 300  
C) 30

4. [MA4DC03 D] Select the equal measurement.

**5 liters = \_\_\_ milliliters**

- A) 5,000  
B) 500  
C) 50

5. [MA4DC03 E] Select the equal measurement.

**2,000 milliliters = \_\_\_ liters**

- A) 0.2  
B) 2  
C) 20

6. [MA4DC03 F] Select the equal measurement.

**4 liters = \_\_\_ milliliters**

- A) 40  
B) 400  
 C) 4,000

7. [MA4DC03 G] Select the best unit to measure the capacity of a thimble.

- A) milliliter  
B) liter

8. [MA4DC03 H] Select the best unit to measure the capacity of a paint bucket.

- A) milliliter  
 B) liter

9. [MA4DC03 I] Select the best unit to measure the capacity of a swimming pool.

- A) milliliter  
 B) liter

10. [MA4DC03 J] Select the best unit to measure the capacity of a washing machine.

- A) milliliter  
 B) liter

11. [MA4DC03 K] Select the best unit to measure the capacity of a coffee mug.

- A) milliliter  
B) liter

12. [MA4DC03 L] Select the best unit to measure the capacity of a large fish aquarium.

- A) milliliter  
 B) liter

13. [MA4DC03 M] Make the following statement true.

**2 liters \_\_\_ 250 milliliters**

- A) <  
 B) >  
C) =

14. [MA4DC03 N] Make the following statement true.

**1,000 milliliters \_\_\_ 1 liter**

A) <

B) >

C) =

15. [MA4DC03 O] Make the following statement true.

**30 milliliters \_\_\_ 3 liters**

A) <

B) >

C) =

16. [MA4DC03 P] Make the following statement true.

**50 milliliters \_\_\_ 5 liters**

A) <

B) >

C) =

17. [MA4DC03 Q] Make the following statement true.

**4 liters \_\_\_ 500 milliliters**

A) <

B) >

C) =

18. [MA4DC03 R] Make the following statement true.

**3,000 milliliters \_\_\_ 3 liters**

A) <

B) >

C) =

19. [MA4DC03 S] Make the following statement true.

**4,000 milliliters \_\_\_ 4 liters**

A) <

B) >

C) =

20. [MA4DC03 T] Make the following statement true.

**1 liter \_\_\_ 2,000 milliliters**

A) <

B) >

C) =

## Questions and Responses

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## Lesson Quiz

Date: 3/16/2021

Subject: Math

Level: 4

Lesson: Converting Metric Units of Capacity #(3602)

1. [MA4DC04 A] Select the equal measurement.

**2,000 milliliters = \_\_\_ liter(s)**

A) 1

 B) 2

C) 20

2. [MA4DC04 B] Select the equal measurement.

**2 liters = \_\_\_ milliliters**

A) 200

 B) 2,000

C) 4,000

3. [MA4DC04 C] Select the equal measurement.

**4.5 liters = \_\_\_ milliliters**

A) 45

B) 450

 C) 4,500

4. [MA4DC04 D] Select the equal measurement.

**3.2 liters = \_\_\_ milliliters**

 A) 3,200

B) 320

C) 32

5. [MA4DC04 E] Select the equal measurement.

**5,200 milliliters = \_\_\_ liters**

 A) 5.2

B) 52

C) 520

6. [MA4DC04 F] Select the equal measurement.

**6 liters = \_\_\_ milliliters**

A) 60

B) 600

 C) 6,000

7. [MA4DC04 G] Convert to milliliters to solve the equation.

**1 liter + 2,000 milliliters = \_\_\_**

 A) 3,000 milliliters

B) 2.1 milliliters

C) 2,100 milliliters

8. [MA4DC04 H] Convert to liters to solve the equation.

**2 liters + 2,000 milliliters = \_\_\_**

A) 3 liters

 B) 4 liters

C) 6 liters

9. [MA4DC04 I] Convert to liters to solve the equation.

**4,000 milliliters + 1 liter = \_\_\_**

 A) 5 liters

B) 6 liters

C) 4.1 liters

10. [MA4DC04 J] Convert to milliliters to solve the equation.

**3 liters + 2,000 milliliters = \_\_\_**

A) 4,000 milliliters

 B) 5,000 milliliters

C) 3.2 milliliters

11. [MA4DC04 K] Convert to milliliters to solve the equation.

**2,000 milliliters - 1 liter = \_\_\_\_**

- A) 1,000 milliliters
  - B) 3,000 milliliters
  - C) 1,800 milliliters
12. [MA4DC04 L] Convert to liters to solve the equation.

**3 liters - 2,000 milliliters = \_\_\_\_**

- A) 1 liter
  - B) 2 liters
  - C) 5 liters
13. [MA4DC04 M] An aquarium has a 5-liter capacity. What is its capacity in milliliters?
- A) 5,000 milliliters
  - B) 500 milliliters
  - C) 50 milliliters
14. [MA4DC04 N] A plastic soda bottle holds 2 liters. How many milliliters of soda does it hold?
- A) 20 milliliters
  - B) 200 milliliters
  - C) 2,000 milliliters
15. [MA4DC04 O] A teacup has 0.03 liters of tea in it. How many milliliters does it have?
- A) 3 milliliters
  - B) 30 milliliters
  - C) 300 milliliters
16. [MA4DC04 P] A paint bucket has 1,000 milliliters remaining inside it. How many liters of paint remain inside the paint bucket?
- A) 1 liter
  - B) 10 liters
  - C) 100 liters
17. [MA4DC04 Q] The decimal point moves to the \_\_\_\_ when converting from milliliters to liters.
- A) right
  - B) left
18. [MA4DC04 R] The decimal point moves to the \_\_\_\_ when converting from liters to milliliters.
- A) right
  - B) left
19. [MA4DC04 S] To convert liters to milliliters, one must \_\_\_\_.
- A) divide
  - B) multiply
20. [MA4DC04 T] To convert from milliliters to liters, one must \_\_\_\_.
- A) divide
  - B) multiply

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Estimating and Comparing Mass #(3603)

1. [MA4DC05 A] Find the mass of the box. [View Image](#)  
 A) 3 grams  
 B) 6 grams  
 C) 5 grams  
 D) 7 grams
2. [MA4DC05 B] Find the mass of the box. [View Image](#)  
 A) 2 kilograms  
 B) 3 kilograms  
 C) 4 kilograms  
 D) 1 kilogram
3. [MA4DC05 C] Find the mass of the box. [View Image](#)  
 A) 1,031 grams  
 B) 131 grams  
 C) 32 kilograms  
 D) 32 grams
4. [MA4DC05 D] Find the mass of the box. [View Image](#)  
 A) 222 kilograms  
 B) 2,220 grams  
 C) 2,202 grams  
 D) 202 kilograms
5. [MA4DC05 E] Put the boxes in order from heaviest to lightest. [View Image](#)  
 A) 1,3,2  
 B) 3,2,1  
 C) 3,1,2  
 D) 1,2,3
6. [MA4DC05 F] Put the boxes in order from heaviest to lightest. [View Image](#)  
 A) 1,3,2  
 B) 3,1,2  
 C) 1,2,3  
 D) 3,2,1
7. [MA4DC05 G] Put the boxes in order from lightest to heaviest. [View Image](#)  
 A) 1,2,3  
 B) 2,3,1  
 C) 1,3,2  
 D) 3,2,1
8. [MA4DC05 H] Put the boxes in order from lightest to heaviest. [View Image](#)  
 A) 2,1,3  
 B) 3,1,2  
 C) 1,2,3  
 D) 3,2,1
9. [MA4DC05 I] Look at the picture, and choose the correct statement. [View Image](#)  
 A) Box A is heavier than box B.  
 B) Box A is lighter than box B.  
 C) Box A has the same mass as box B.
10. [MA4DC05 J] Look at the picture, and choose the correct statement. [View Image](#)  
 A) Box A is heavier than box B.  
 B) Box A is lighter than box B.  
 C) Box A has the same mass as box B.
11. [MA4DC05 K] If box A has a mass of 5 kilograms, which statement is true? [View Image](#)  
 A) The mass of box B is greater than 5 kilograms.  
 B) The mass of box B is less than 5 kilograms.  
 C) The mass of box B is equal to 5 kilograms.
12. [MA4DC05 L] If box B has a mass of 200 grams, which statement is true? [View Image](#)  
 A) The mass of box A is greater than 200 grams.  
 B) The mass of box A is less than 200 grams.  
 C) The mass of box A is equal to 200 grams.
13. [MA4DC05 M] Select the best unit to measure the mass of a dump truck.  
 A) gram  
 B) kilogram
14. [MA4DC05 N] Select the best unit to measure the mass of a dollar bill.  
 A) gram

- B) kilogram
15. [MA4DC05 O] A box contains three books and has a mass of 2 kilograms. Two of the books have a total mass of 1,300 grams. What is the mass of the third book?
- A) 200 grams
  - B) 500 grams
  - C) 1 kilogram
  - D) 700 grams
16. [MA4DC05 P] A box contains two toys and has a mass of 1 kilogram. One of the toys has a mass of 450 grams. What is the mass of the other toy?
- A) 450 grams
  - B) 550 grams
  - C) 50 grams
  - D) 600 grams
17. [MA4DC05 Q] If one math book has a mass of 2 kilograms, what is the mass of four math books?
- A) 4 kilograms
  - B) 1 kilogram
  - C) 2 kilograms
  - D) 8 kilograms
18. [MA4DC05 R] If one nickel has a mass of 5 grams, what is the mass of six nickels?
- A) 30 grams
  - B) 10 grams
  - C) 15 grams
  - D) 1 gram
19. [MA4DC05 S] Box A has a mass of 40 grams and is 15 grams heavier than box B. What is the mass of box B?
- A) 55 grams
  - B) 20 grams
  - C) 25 grams
  - D) 50 grams
20. [MA4DC05 T] Box A has a mass of 2 kilograms and is 3 kilograms lighter than box B. What is the mass of box B?
- A) 1 kilogram
  - B) 2 kilograms
  - C) 6 kilograms
  - D) 5 kilograms

## Questions and Responses



### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Converting Mass #(3604)

1. [MA4DC06 A] Choose the equivalent mass.

**80 grams = \_\_\_\_\_ milligrams**

- A) 800  
 B) 8,000  
 C) 80,000  
 D) 8
2. [MA4DC06 B] Choose the equivalent mass.

**3 kilograms = \_\_\_\_\_ grams**

- A) 3,000  
 B) 30  
 C) 30,000  
 D) 300
3. [MA4DC06 C] Choose the equivalent mass.

**4,000 grams = \_\_\_\_\_ kilograms**

- A) 4  
 B) 40  
 C) 400  
 D) 40,000
4. [MA4DC06 D] Choose the equivalent mass.

**20,000 milligrams = \_\_\_\_\_ grams**

- A) 2,000  
 B) 20  
 C) 200  
 D) 2
5. [MA4DC06 E] Choose the operation necessary to convert milligrams to grams.
- A)  $\times 100$   
 B)  $\times 1,000$   
 C)  $\div 100$   
 D)  $\div 1,000$

6. [MA4DC06 F] Choose the operation necessary to convert kilograms to grams.
- A)  $\times 100$   
 B)  $\times 1,000$   
 C)  $\div 100$   
 D)  $\div 1,000$

7. [MA4DC06 G] Choose the operation necessary to convert grams to kilograms.
- A)  $\times 100$   
 B)  $\times 1,000$   
 C)  $\div 100$   
 D)  $\div 1,000$

8. [MA4DC06 H] Choose the operation necessary to convert grams to milligrams.
- A)  $\times 100$   
 B)  $\times 1,000$   
 C)  $\div 100$   
 D)  $\div 1,000$

9. [MA4DC06 I] Choose the correct sign.

**600 grams \_\_\_\_ 2 kilograms**

- A)  $>$   
 B)  $<$   
 C)  $=$
10. [MA4DC06 J] Choose the correct sign.

**8,000 milligrams \_\_\_\_ 80 grams**

- A)  $>$   
 B)  $<$   
 C)  $=$
11. [MA4DC06 K] Choose the correct sign.

**3 grams \_\_\_\_ 300 milligrams**

- A) >
- B) <
- C) =

12. [MA4DC06 L] Choose the correct sign.

**2 kilograms \_\_\_\_ 2,000 grams**

- A) >
- B) <
- C) =

13. [MA4DC06 M] Choose the mass needed to balance the scale.

[View Image](#)

- A) 30 g
- B) 3,000 g
- C) 30,000 g
- D) 300 g

14. [MA4DC06 N] Choose the mass needed to balance the scale.

[View Image](#)

- A) 500,000 mg
- B) 5,000 mg
- C) 50,000 mg
- D) 5,000,000 mg

15. [MA4DC06 O] Choose the mass needed to balance the scale.

[View Image](#)

- A) 400 kg
- B) 4 kg
- C) 4,000 kg
- D) 40 kg

16. [MA4DC06 P] Choose the mass needed to balance the scale.

[View Image](#)

- A) 3 g
- B) 300 g
- C) 30 g
- D) 3,000 g

17. [MA4DC06 Q] If box A has a mass of 2 kilograms, which of the following is the mass of box B?

[View Image](#)

- A) 20 grams
- B) 200 grams
- C) 2,000 grams

18. [MA4DC06 R] If box A has a mass of 30,000 milligrams, which of the following is the mass of box B?

[View Image](#)

- A) 3 grams
- B) 30 grams
- C) 300 grams

19. [MA4DC06 S] If box A has a mass of 40,000 grams, which of the following is the mass of box B?

[View Image](#)

- A) 4 kilograms
- B) 400 kilograms
- C) 40 kilograms

20. [MA4DC06 T] If box A has a mass of 20,000 milligrams, which of the following is the mass of box B?

[View Image](#)

- A) 2 grams
- B) 200 grams
- C) 20 grams

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Temperature #(3605)

1. [MA4DC07 A] What is the temperature shown? [View Image](#)  
 A) 18°C  
 B) 28°C  
 C) 12°C
2. [MA4DC07 B] What is the temperature shown? [View Image](#)  
 A) 35°C  
 B) 30°C  
 C) 40°C
3. [MA4DC07 C] What is the temperature shown? [View Image](#)  
 A) 0°C  
 B) 4°C  
 C) 5°C
4. [MA4DC07 D] What is the temperature shown? [View Image](#)  
 A) 45°C  
 B) 40°C  
 C) 44°C
5. [MA4DC07 E] What is the temperature shown? [View Image](#)  
 A) 69°C  
 B) 71°C  
 C) 76°C
6. [MA4DC07 F] Choose the thermometer that shows 21°C. [View Image](#)  
 A) A  
 B) B  
 C) C
7. [MA4DC07 G] Choose the thermometer that shows 48°C. [View Image](#)  
 A) A  
 B) B  
 C) C
8. [MA4DC07 H] Choose the thermometer that shows 6°C. [View Image](#)  
 A) A  
 B) B  
 C) C
9. [MA4DC07 I] Choose the thermometer that shows 32°C. [View Image](#)  
 A) A  
 B) B  
 C) C
10. [MA4DC07 J] Choose the thermometer that shows 60°C. [View Image](#)  
 A) A  
 B) B  
 C) C
11. [MA4DC07 K] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 15°C  
 B) 20°C  
 C) 19°C
12. [MA4DC07 L] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 30°C  
 B) 28°C  
 C) 32°C
13. [MA4DC07 M] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 18°C  
 B) 20°C  
 C) 22°C
14. [MA4DC07 N] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 24°C  
 B) 18°C  
 C) 12°C
15. [MA4DC07 O] What is the difference in temperature between thermometer 1 and [View Image](#)  
 A) 24°C  
 B) 18°C  
 C) 12°C

- thermometer 2?
- A) 21°C
  - B) 18°C
  - C) 25°C
16. [MA4DC07 P] This morning, the temperature was 27°C. At noon, the temperature increased by 8 degrees. What was the temperature at noon?
- A) 19°C
  - B) 24°C
  - C) 35°C
17. [MA4DC07 Q] At noon, the temperature was 33°C. By midnight, the temperature dropped by 15 degrees. What was the temperature at midnight?
- A) 18°C
  - B) 51°C
  - C) 42°C
18. [MA4DC07 R] The current temperature is 24°C. An hour ago, the temperature was 3 degrees warmer. What was the temperature an hour ago?
- A) 21°C
  - B) 27°C
  - C) 33°C
19. [MA4DC07 S] The current temperature is 32°C. Two hours ago, the temperature was 7 degrees cooler. What was the temperature two hours ago?
- A) 39°C
  - B) 43°C
  - C) 25°C
20. [MA4DC07 T] This morning, it was 26°C. Now, it is 34°C. By how many degrees has the temperature changed since this morning?
- A) 12°C
  - B) 8°C
  - C) 4°C

## Questions and Responses

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## Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Metric System #(655)

1. [MA4DC 01] What is the length of the line segment? [View Image](#)  
A) 5 centimeters  
B) 6 centimeters  
C) 7 centimeters  
 D) 8 centimeters
2. [MA4DC 02] Which of these line segments is 9 centimeters in length? [View Image](#)  
A) line segment A  
 B) line segment B  
C) line segment C
3. [MA4DC 03] If this line segment were twice as long, what would its new length be? [View Image](#)  
A) 8 centimeters  
B) 10 centimeters  
C) 12 centimeters  
 D) 16 centimeters
4. [MA4DC 04] What is the length of this rectangle? [View Image](#)  
A) 6 centimeters  
 B) 7 centimeters  
C) 8 centimeters  
D) 14 centimeters
5. [MA4DC 05] If this line segment were four times as long, what would its new length be? [View Image](#)  
A) 10 centimeters  
B) 20 centimeters  
 C) 24 centimeters  
D) 30 centimeters
6. [MA4DC 06] If this line segment were three times as long, what would its new length be? [View Image](#)  
A) 7 centimeters  
B) 14 centimeters  
C) 21 centimeters  
 D) 27 centimeters
7. [MA4DC 07] What is the combined length of line segments A and B? [View Image](#)  
A) 10 centimeters  
 B) 14 centimeters  
C) 16 centimeters  
D) 40 centimeters
8. [MA4DC 08] What is the combined length of line segments A and B? [View Image](#)  
A) 9 centimeters  
 B) 11 centimeters  
C) 12 centimeters  
D) 18 centimeters
9. [MA4DC 09] How many millimeters are in 1 centimeter?  
A) 1 millimeter  
 B) 10 millimeters  
C) 100 millimeters  
D) 1,000 millimeters
10. [MA4DC 10] How many meters are in 1 kilometer?  
A) 1 meter  
B) 10 meters  
C) 100 meters  
 D) 1,000 meters
11. [MA4DC 11] 2 meters = \_\_\_\_ centimeter(s)  
A) 0.02  
B) 20  
 C) 200  
D) 2,000
12. [MA4DC 12] 200 centimeters = \_\_\_\_ meter(s)  
A) 2,000  
B) 0.2  
 C) 2  
D) 20
13. [MA4DC 13] 80 millimeters = \_\_\_\_ centimeter(s)  
A) 0.8  
B) 8

- C) 800  
D) 8,000
14. [MA4DC 14] 110 millimeters = \_\_\_\_ centimeter(s)  
A) 0.11  
 B) 11  
C) 1,100  
D) 11,000
15. [MA4DC 15] 7 centimeters = \_\_\_\_ millimeter(s)  
A) 0.07  
B) 0.7  
 C) 70  
D) 700
16. [MA4DC 16] Janice walks 2 kilometers every morning. How many meters does Janice walk each day?  
A) 0.2 meter  
B) 20 meters  
C) 200 meters  
 D) 2,000 meters
17. [MA4DC 17] Gellar hit a golf ball 400 meters across the field. How many kilometers did the golf ball travel?  
 A) 0.4 kilometer  
B) 4 kilometers  
C) 40 kilometers  
D) 4,000 kilometers
18. [MA4DC 18] Janelle kicked the soccer ball 12 meters. How many kilometers did the soccer ball travel?  
 A) 0.012 kilometer  
B) 1.2 kilometers  
C) 12 kilometers  
D) 120 kilometers
19. [MA4DC 19] Alex jogs 500 meters twice a day. How many kilometers does Alex jog each day?  
A) 0.01 kilometer  
B) 0.1 kilometer  
 C) 1 kilometer  
D) 10 kilometers
20. [MA4DC 20] Jeremy bunted the baseball 300 centimeters. How many meters did the baseball travel?  
A) 0.03 meter  
B) 0.3 meter  
 C) 3 meters  
D) 30 meters
21. [MA4DC 45] Choose the equivalent mass.

**800 grams = \_\_\_\_\_ milligrams**

- A) 80  
B) 8,000  
C) 80,000  
 D) 800,000
22. [MA4DC 46] Choose the equivalent mass.

**30 kilograms = \_\_\_\_\_ grams**

- A) 30,000  
B) 300  
C) 3  
D) 3,000
23. [MA4DC 47] Choose the correct sign.

**30 grams \_\_\_\_ 3,000 milligrams**

- A) <  
 B) >  
C) =
24. [MA4DC 48] Choose the correct sign.

**40 kilograms \_\_\_\_ 40,000 grams**

- A) <  
B) >  
 C) =
25. [MA4DC 49] Choose the operation necessary to convert grams to kilograms.  
A) x 100  
B) x 1,000

- C)  $\div 100$   
 D)  $\div 1,000$
26. [MA4DC 50] Choose the operation necessary to convert milligrams to grams.  
 A)  $\times 100$   
 B)  $\times 1,000$   
 C)  $\div 100$   
 D)  $\div 1,000$
27. [MA4DC 51] If box A has a mass of 50 kilograms, which of the following is the mass of box B? [View Image](#)  
 A) 500,000 grams  
 B) 50,000 grams  
 C) 5,000 grams
28. [MA4DC 52] If box A has a mass of 300 grams, which of the following is the mass of box B? [View Image](#)  
 A) 3,000 milligrams  
 B) 3,000,000 milligrams  
 C) 300,000 milligrams
29. [MA4DC 53] What is the temperature shown? [View Image](#)  
 A) 23°C  
 B) 28°C  
 C) 18°C
30. [MA4DC 54] What is the temperature shown? [View Image](#)  
 A) 55°C  
 B) 52°C  
 C) 50°C
31. [MA4DC 55] Choose the thermometer that shows 43°C. [View Image](#)  
 A) A  
 B) B  
 C) C
32. [MA4DC 56] Choose the thermometer that shows 37°C. [View Image](#)  
 A) A  
 B) B  
 C) C
33. [MA4DC 57] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 12°C  
 B) 8°C  
 C) 4°C
34. [MA4DC 58] What is the difference in temperature between thermometer 1 and thermometer 2? [View Image](#)  
 A) 16°C  
 B) 14°C  
 C) 11°C
35. [MA4DC 59] This morning, the temperature was 20°C. At noon, the temperature had increased by 12 degrees. What was the temperature at noon?  
 A) 32°C  
 B) 28°C  
 C) 8°C
36. [MA4DC 60] At noon, the temperature was 30°C. By midnight, the temperature had dropped 9 degrees. What was the temperature at midnight?  
 A) 39°C  
 B) 21°C  
 C) 19°C
37. [MA4DC 21] Select the equal measurement.  
**2 liters = \_\_\_ milliliters**  
 A) 20  
 B) 200  
 C) 2,000
38. [MA4DC 22] Select the equal measurement.  
**1,000 milliliters = \_\_\_ liter(s)**  
 A) 1  
 B) 2  
 C) 3
39. [MA4DC 23] Select the equal measurement.  
**3,500 milliliters = \_\_\_ liters**  
 A) 3.5  
 B) 35  
 C) 350

40. [MA4DC 24] Select the equal measurement.

**4,000 milliliters = \_\_\_ liters**

- A) .4  
 B) 4  
 C) 40

41. [MA4DC 25] Select the best unit to measure the capacity of a teacup.

- A) milliliter  
 B) liter

42. [MA4DC 26] Select the best unit to measure the capacity of a swimming pool.

- A) milliliter  
 B) liter

43. [MA4DC 27] Make the following statement true.

**7 liters \_\_\_ 700 milliliters**

- A) <  
 B) >  
 C) =

44. [MA4DC 28] Make the following statement true.

**5 liters \_\_\_ 5,000 milliliters**

- A) <  
 B) >  
 C) =

45. [MA4DC 37] If one penny has a mass of 3 grams, what is the mass of 3 pennies?

- A) 6 grams  
 B) 3 grams  
 C) 9 grams  
 D) 1 gram

46. [MA4DC 38] If one science book has a mass of 2 kilograms, what is the mass of 4 science books?

- A) 2 kilograms  
 B) 4 kilograms  
 C) 6 kilograms  
 D) 8 kilograms

47. [MA4DC 39] Put the boxes in order from heaviest to lightest.

- A) 2,1,3  
 B) 1,2,3  
 C) 3,1,2  
 D) 3,2,1

[View Image](#)

48. [MA4DC 40] Put the boxes in order from lightest to heaviest.

- A) 3,2,1  
 B) 1,2,3  
 C) 2,3,1  
 D) 1,3,2

[View Image](#)

49. [MA4DC 41] Look at the picture, and choose the correct statement.

- A) Box A is heavier than box B.  
 B) Box A is lighter than box B.  
 C) Box A has the same mass as box B.

[View Image](#)

50. [MA4DC 42] Look at the picture, and choose the correct statement.

- A) Box A is heavier than box B.  
 B) Box A is lighter than box B.  
 C) Box A has the same mass as box B.

[View Image](#)

51. [MA4DC 43] Box A has a mass of 8 kilograms and is 3 kilograms heavier than box B. What is the mass of box B?

- A) 4 kilograms  
 B) 5 kilograms  
 C) 9 kilograms  
 D) 11 kilograms

52. [MA4DC 44] Box B has a mass of 350 grams and is 45 grams lighter than box A. What is the mass of box A?

- A) 305 grams  
 B) 320 grams  
 C) 395 grams  
 D) 420 grams

53. [MA4DC 29] To convert from milliliters to liters, one must \_\_\_\_.

- A) divide  
 B) multiply

54. [MA4DC 30] To convert liters to milliliters, one must \_\_\_\_.

- A) divide  
 B) multiply

55. [MA4DC 31] The decimal point moves to the \_\_\_ when converting from liters to milliliters.

- A) right
- B) left

56. [MA4DC 32] The decimal point moves to the \_\_\_ when converting from milliliters to liters.

- A) right
- B) left

57. [MA4DC 33] Select the equal measurement.

**2 liters = \_\_\_ milliliters**

- A) 200
- B) 2,000
- C) 4,000

58. [MA4DC 34] Select the equal measurement.

**2,000 milliliters = \_\_\_ liter(s)**

- A) 1
- B) 2
- C) 20

59. [MA4DC 35] Select the equal measurement.

**5,200 milliliters = \_\_\_ liters**

- A) 5.2
- B) 52
- C) 520

60. [MA4DC 36] Select the equal measurement.

**6 liters = \_\_\_\_\_ milliliters**

- A) 60
- B) 600
- C) 6,000

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Perimeter #(3606)

1. [MA4DD01 A] What is the perimeter of the square? [View Image](#)  
A) 25 cm  
B) 15 cm  
 C) 20 cm  
D) 30 cm
2. [MA4DD01 B] What is the perimeter of the rectangle? [View Image](#)  
A) 14 in.  
 B) 22 in.  
C) 19 in.  
D) 24 in.
3. [MA4DD01 C] What is the perimeter of the equilateral triangle? [View Image](#)  
A) 28 cm  
 B) 21 cm  
C) 24 cm  
D) 14 cm
4. [MA4DD01 D] What is the perimeter of the isosceles triangle? [View Image](#)  
A) 7 in.  
B) 12 in.  
C) 8 in.  
 D) 11 in.
5. [MA4DD01 E] What is the perimeter of the square? [View Image](#)  
A) 9 in.  
B) 6 in.  
C) 10 in.  
 D) 12 in.
6. [MA4DD01 F] What is the perimeter of the rectangle? [View Image](#)  
 A) 20 cm  
B) 16 cm  
C) 24 cm  
D) 14 cm
7. [MA4DD01 G] Choose the rectangle with a perimeter of 30 inches. [View Image](#)  
 A) A  
B) B  
C) C
8. [MA4DD01 H] Choose the square with a perimeter of 16 inches. [View Image](#)  
A) A  
B) B  
 C) C
9. [MA4DD01 I] Choose the triangle with a perimeter of 17 centimeters. [View Image](#)  
A) A  
B) B  
 C) C
10. [MA4DD01 J] Choose the trapezoid with a perimeter of 17 centimeters. [View Image](#)  
 A) A  
B) B  
C) C
11. [MA4DD01 K] Choose the regular hexagon with a perimeter of 36 centimeters. [View Image](#)  
A) A  
B) B  
 C) C
12. [MA4DD01 L] Choose the regular pentagon with a perimeter of 40 inches. [View Image](#)  
A) A  
 B) B  
C) C
13. [MA4DD01 M] A square has a perimeter of 24 centimeters. What is the length of one of the sides?  
A) 4 cm  
B) 12 cm  
 C) 6 cm  
D) 8 cm
14. [MA4DD01 N] A rectangle has a perimeter of 38 inches. The length of the longest side is

- 13 inches. What is the length of the shortest side?
- A) 6 in.
  - B) 12 in.
  - C) 9 in.
  - D) 7 in.
15. [MA4DD01 O] A rectangle has a perimeter of 22 centimeters. The length of the shortest side is 3 centimeters. What is the length of the longest side?
- A) 7 cm
  - B) 5 cm
  - C) 6 cm
  - D) 8 cm
16. [MA4DD01 P] An equilateral triangle has a perimeter of 27 inches. What is the length of one of the sides?
- A) 3 in.
  - B) 7 in.
  - C) 6 in.
  - D) 9 in.
17. [MA4DD01 Q] This polygon has a perimeter of 39 centimeters. What is the length of side A? [View Image](#)
- A) 7 cm
  - B) 9 cm
  - C) 8 cm
  - D) 6 cm
18. [MA4DD01 R] This trapezoid has a perimeter of 34 inches. What is the length of side A? [View Image](#)
- A) 8 in.
  - B) 9 in.
  - C) 7 in.
  - D) 11 in.
19. [MA4DD01 S] Beatrice is gluing ribbon around the frame of her favorite picture. The frame is 6 inches by 9 inches. How much ribbon does she need to go around the frame?
- A) 30 inches
  - B) 18 inches
  - C) 24 inches
  - D) 54 inches
20. [MA4DD01 T] Victor's mother wants to put a fence around their pool. The pool is 20 feet wide and 15 feet long. How many feet of fence should Victor's mother buy?
- A) 35 feet
  - B) 50 feet
  - C) 70 feet
  - D) 55 feet

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Area #(3607)

1. [MA4DD02 A] Find the area of the rectangle. [View Image](#)  
A) 25 square units  
B) 30 square units  
 C) 35 square units  
D) 40 square units
2. [MA4DD02 B] Find the area of the square. [View Image](#)  
A) 32 square units  
 B) 36 square units  
C) 42 square units  
D) 48 square units
3. [MA4DD02 C] Find the area of the rectangle. [View Image](#)  
A) 28 square centimeters  
B) 36 square centimeters  
C) 32 square centimeters  
 D) 24 square centimeters
4. [MA4DD02 D] Find the area of the rectangle. [View Image](#)  
A) 24 square inches  
B) 36 square inches  
 C) 28 square inches  
D) 21 square inches
5. [MA4DD02 E] Find the area of the polygon. [View Image](#)  
 A) 33 square units  
B) 45 square units  
C) 56 square units  
D) 42 square units
6. [MA4DD02 F] Find the area of the polygon. [View Image](#)  
A) 36 square units  
B) 42 square units  
 C) 39 square units  
D) 33 square units
7. [MA4DD02 G] Choose the rectangle with an area of 42 square centimeters. [View Image](#)  
 A) A  
B) B  
C) C
8. [MA4DD02 H] Choose the rectangle with an area of 32 square centimeters. [View Image](#)  
A) A  
B) B  
 C) C
9. [MA4DD02 I] Choose the square with an area of 64 square inches. [View Image](#)  
A) A  
 B) B  
C) C
10. [MA4DD02 J] Choose the square with an area of 16 square units. [View Image](#)  
A) A  
 B) B  
C) C
11. [MA4DD02 K] Choose the polygon with an area of 6 square units. [View Image](#)  
A) A  
B) B  
 C) C
12. [MA4DD02 L] Choose the polygon with an area of 17 square units. [View Image](#)  
 A) A  
B) B  
C) C
13. [MA4DD02 M] A rectangle has an area of 30 square centimeters. The length of the rectangle is 10 centimeters. What is the width of the rectangle?  
 A) 3 centimeters  
B) 6 centimeters  
C) 10 centimeters  
D) 20 centimeters
14. [MA4DD02 N] A rectangle has an area of 54 square inches. The length of the rectangle is

- 6 inches. What is the width of the rectangle?
- A) 7 inches
  - B) 9 inches
  - C) 12 inches
  - D) 8 inches
15. [MA4DD02 O] A square has an area of 64 square centimeters. What is the length of one side of the square?
- A) 4 centimeters
  - B) 8 centimeters
  - C) 9 centimeters
  - D) 6 centimeters
16. [MA4DD02 P] A rectangle has an area of 72 square inches. The width of the rectangle is 6 inches. What is the length of the rectangle?
- A) 8 inches
  - B) 14 inches
  - C) 9 inches
  - D) 12 inches
17. [MA4DD02 Q] A rectangle has an area of 32 square centimeters. The width of the rectangle is 8 centimeters. What is the length of the rectangle?
- A) 4 centimeters
  - B) 7 centimeters
  - C) 3 centimeters
  - D) 6 centimeters
18. [MA4DD02 R] A square has an area of 49 square inches. What is the length of one side of the square?
- A) 5 inches
  - B) 6 inches
  - C) 7 inches
  - D) 8 inches
19. [MA4DD02 S] Marcus wants to paint one wall in his bedroom. The wall is 9 feet tall and 12 feet wide. What is the area of the wall?
- A) 42 square feet
  - B) 72 square feet
  - C) 81 square feet
  - D) 108 square feet
20. [MA4DD02 T] Veronica needs blinds for the window in her bedroom. The window is 2 meters tall and 4 meters wide. What is the area of the window?
- A) 6 square meters
  - B) 8 square meters
  - C) 12 square meters
  - D) 18 square meters

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Comparing Perimeter and Area #(3608)

1. [MA4DD03 A] Choose the rectangle with an area of 48 square centimeters and a perimeter of 28 centimeters. [View Image](#)  
 A) A  
 B) B  
 C) C
2. [MA4DD03 B] Choose the rectangle with an area of 36 square inches and a perimeter of 24 inches. [View Image](#)  
 A) A  
 B) B  
 C) C
3. [MA4DD03 C] Choose the polygon with an area of 10 square units and a perimeter of 18 units. [View Image](#)  
 A) A  
 B) B  
 C) C
4. [MA4DD03 D] Choose the polygon with an area of 12 square units and a perimeter of 20 units. [View Image](#)  
 A) A  
 B) B  
 C) C
5. [MA4DD03 E] Which figures have the same perimeter but different areas? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
6. [MA4DD03 F] Which figures have the same perimeter but different areas? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
7. [MA4DD03 G] Which figures have the same area but different perimeters? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
8. [MA4DD03 H] Which figures have the same area but different perimeters? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
9. [MA4DD03 I] What are the dimensions of a rectangle with an area of 56 square inches and a perimeter of 30 inches?  
 A) 9 in. x 6 in.  
 B) 14 in. x 4 in.  
 C) 8 in. x 7 in.
10. [MA4DD03 J] What are the dimensions of a rectangle with an area of 72 square centimeters and a perimeter of 36 centimeters?  
 A) 6 cm x 12 cm  
 B) 4 cm x 14 cm  
 C) 9 cm x 8 cm
11. [MA4DD03 K] What are the dimensions of a rectangle with an area of 32 square inches and a perimeter of 24 inches?  
 A) 4 in. x 8 in.  
 B) 2 in. x 16 in.  
 C) 6 in. x 6 in.
12. [MA4DD03 L] What are the dimensions of a rectangle with an area of 96 square centimeters and a perimeter of 40 centimeters?  
 A) 6 cm x 16 cm  
 B) 8 cm x 12 cm  
 C) 10 cm x 10 cm
13. [MA4DD03 M] Which of the following could be the perimeter of a rectangle with an area of 36 square inches?  
 A) 32 inches  
 B) 28 inches  
 C) 26 inches  
 D) 36 inches

14. [MA4DD03 N] Which of the following could be the perimeter of a rectangle with an area of 24 square centimeters?
- A) 28 centimeters
  - B) 26 centimeters
  - C) 24 centimeters
  - D) 18 centimeters
15. [MA4DD03 O] Which of the following could be the perimeter of a rectangle with an area of 16 square inches?
- A) 16 inches
  - B) 22 inches
  - C) 18 inches
  - D) 12 inches
16. [MA4DD03 P] Which of the following could be the perimeter of a rectangle with an area of 18 square centimeters?
- A) 24 centimeters
  - B) 28 centimeters
  - C) 18 centimeters
  - D) 16 centimeters
17. [MA4DD03 Q] A garden has an area of 32 square feet. What is the smallest possible perimeter of the garden?
- A) 16 feet
  - B) 24 feet
  - C) 36 feet
  - D) 22 feet
18. [MA4DD03 R] A picture frame has an area of 48 square inches. What is the largest possible perimeter of the picture frame?
- A) 28 inches
  - B) 96 inches
  - C) 102 inches
  - D) 98 inches
19. [MA4DD03 S] A backyard has an area of 64 square feet. What is the smallest possible perimeter of the backyard?
- A) 40 feet
  - B) 36 feet
  - C) 28 feet
  - D) 32 feet
20. [MA4DD03 T] A flowerbed has an area of 18 square meters. What is the largest possible perimeter of the flowerbed?
- A) 22 meters
  - B) 18 meters
  - C) 38 meters
  - D) 26 meters

## Questions and Responses

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## Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Volume #(3616)

1. [MA4DD04 A] Find the volume of the rectangular prism. [View Image](#)  
A) 34 cubic inches  
B) 132 cubic inches  
 C) 120 cubic inches  
D) 26 cubic inches
2. [MA4DD04 B] Find the volume of the rectangular prism. [View Image](#)  
 A) 12 cubic centimeters  
B) 8 cubic centimeters  
C) 13 cubic centimeters  
D) 9 cubic centimeters
3. [MA4DD04 C] Find the volume of the cube. [View Image](#)  
A) 12 cubic inches  
B) 32 cubic inches  
 C) 27 cubic inches  
D) 24 cubic inches
4. [MA4DD04 D] Find the volume of the rectangular prism. [View Image](#)  
A) 30 cubic centimeters  
 B) 48 cubic centimeters  
C) 22 cubic centimeters  
D) 40 cubic centimeters
5. [MA4DD04 F] Find the volume of the cube. [View Image](#)  
A) 98 cubic centimeters  
B) 249 cubic centimeters  
C) 21 cubic centimeters  
 D) 343 cubic centimeters
6. [MA4DD04 G] Choose the rectangular prism whose volume is 32 cubic centimeters. [View Image](#)  
 A) A  
B) B  
C) C
7. [MA4DD04 H] Choose the rectangular prism whose volume is 36 cubic inches. [View Image](#)  
A) A  
 B) B  
C) C
8. [MA4DD04 I] Choose the rectangular prism whose volume is 36 cubic centimeters. [View Image](#)  
A) A  
 B) B  
C) C
9. [MA4DD04 J] Choose the cube whose volume is 8 cubic inches. [View Image](#)  
 A) A  
B) B  
C) C
10. [MA4DD04 K] Choose the rectangular prism whose volume is 63 cubic inches. [View Image](#)  
A) A  
B) B  
 C) C
11. [MA4DD04 L] Choose the cube whose volume is 125 cubic centimeters. [View Image](#)  
A) A  
B) B  
 C) C
12. [MA4DD04 M] A box has a length of 4 centimeters and a width of 6 centimeters. If the volume is 72 cubic centimeters, what is the height of the box?  
A) 7 centimeters  
B) 8 centimeters  
C) 5 centimeters  
 D) 3 centimeters
13. [MA4DD04 N] A cube has a volume of 216 cubic inches. What is the width of the cube?  
A) 5 inches  
 B) 6 inches  
C) 3 inches  
D) 4 inches
14. [MA4DD04 O] A box has a length of 5 centimeters and a height of 9 centimeters. If the

- volume is 180 cubic centimeters, what is the width of the box?
- A) 4 centimeters
  - B) 6 centimeters
  - C) 8 centimeters
  - D) 5 centimeters
15. [MA4DD04 P] A box has a width of 7 inches and a height of 4 inches. If the volume is 168 cubic inches, what is the length of the box?
- A) 3 inches
  - B) 6 inches
  - C) 8 inches
  - D) 4 inches
16. [MA4DD04 Q] A cube has a volume of 64 cubic centimeters. What is the height of the cube?
- A) 5 centimeters
  - B) 6 centimeters
  - C) 4 centimeters
  - D) 3 centimeters
17. [MA4DD04 R] A box has a height of 4 feet and a width of 5 feet. If the volume is 120 cubic feet, what is the length of the box?
- A) 6 feet
  - B) 5 feet
  - C) 2 feet
  - D) 8 feet
18. [MA4DD04 S] Joseph built a sandbox in his backyard that is 4 feet wide, 5 feet long, and 2 feet tall. What volume of sand does he need to completely fill the sandbox?
- A) 30 cubic feet
  - B) 28 cubic feet
  - C) 40 cubic feet
  - D) 48 cubic feet
19. [MA4DD04 T] Nina had a pool built that is 8 meters long, 6 meters wide, and 3 meters deep. What volume of water does she need to completely fill the pool?
- A) 144 cubic meters
  - B) 88 cubic meters
  - C) 168 cubic meters
  - D) 72 cubic meters

## Questions and Responses

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## Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Perimeter, Area, and Volume #(656)

1. [MA4DD 1] What is the perimeter of the square? [View Image](#)  
A) 36 in.  
B) 18 in.  
C) 20 in.  
 D) 24 in.
2. [MA4DD 2] What is the perimeter of the rectangle? [View Image](#)  
A) 20 in.  
B) 10 in.  
 C) 18 in.  
D) 13 in.
3. [MA4DD 3] What is the perimeter of the equilateral triangle? [View Image](#)  
 A) 12 cm  
B) 8 cm  
C) 4 cm  
D) 16 cm
4. [MA4DD 4] What is the perimeter of the trapezoid? [View Image](#)  
 A) 44 in.  
B) 38 in.  
C) 32 in.  
D) 28 in.
5. [MA4DD 5] Choose the rectangle with a perimeter of 30 inches. [View Image](#)  
 A) A  
B) B  
C) C
6. [MA4DD 6] Choose the triangle with a perimeter of 13 centimeters. [View Image](#)  
 A) A  
B) B  
C) C
7. [MA4DD 7] Choose the square with a perimeter of 24 inches. [View Image](#)  
 A) A  
B) B  
C) C
8. [MA4DD 8] Choose the trapezoid with a perimeter of 22 centimeters. [View Image](#)  
 A) A  
B) B  
C) C
9. [MA4DD 9] This polygon has a perimeter of 37 centimeters. What is the length of side A? [View Image](#)  
A) 8 cm  
B) 12 cm  
 C) 9 cm  
D) 10 cm
10. [MA4DD 10] This polygon has a perimeter of 28 inches. What is the length of side A? [View Image](#)  
 A) 6 in.  
B) 4 in.  
C) 5 in.  
D) 7 in.
11. [MA4DD 11] Find the area of the rectangle. [View Image](#)  
A) 45 square units  
B) 70 square units  
 C) 80 square units  
D) 95 square units
12. [MA4DD 12] Find the area of the square. [View Image](#)  
A) 25 square units  
 B) 49 square units  
C) 36 square units  
D) 42 square units
13. [MA4DD 13] Find the area of the polygon. [View Image](#)  
A) 42 square units  
B) 40 square units  
C) 32 square units  
 D) 36 square units

14. [MA4DD 14] Choose the rectangle with an area of 42 square centimeters. [View Image](#)  
 A) A  
 B) B  
 C) C
15. [MA4DD 15] Choose the square with an area of 36 square inches. [View Image](#)  
 A) A  
 B) B  
 C) C
16. [MA4DD 16] Choose the polygon with an area of 6 square units. [View Image](#)  
 A) A  
 B) B  
 C) C
17. [MA4DD 17] A rectangle has an area of 36 square inches. The length of the rectangle is 4 inches. What is the width of the rectangle?  
 A) 8 inches  
 B) 12 inches  
 C) 9 inches  
 D) 7 inches
18. [MA4DD 18] A rectangle has an area of 24 square centimeters. The width of the rectangle is 3 centimeters. What is the length of the rectangle?  
 A) 8 centimeters  
 B) 7 centimeters  
 C) 6 centimeters  
 D) 9 centimeters
19. [MA4DD 19] Marcus wants to paint one wall in his bedroom. The wall is 3 meters tall and 5 meters wide. What is the area of the wall?  
 A) 10 square meters  
 B) 20 square meters  
 C) 16 square meters  
 D) 15 square meters
20. [MA4DD 20] Veronica needs blinds for the window in her bedroom. The window is 4 feet tall and 6 feet wide. What is the area of the window?  
 A) 24 square feet  
 B) 28 square feet  
 C) 18 square feet  
 D) 20 square feet
21. [MA4DD 21] Choose the rectangle with an area of 48 square centimeters and a perimeter of 32 centimeters. [View Image](#)  
 A) A  
 B) B  
 C) C
22. [MA4DD 22] Choose the rectangle with an area of 32 square inches and a perimeter of 24 inches. [View Image](#)  
 A) A  
 B) B  
 C) C
23. [MA4DD 23] Choose the polygon with an area of 14 square units and a perimeter of 18 units. [View Image](#)  
 A) A  
 B) B  
 C) C
24. [MA4DD 24] Choose the polygon with an area of 12 square units and a perimeter of 22 units. [View Image](#)  
 A) A  
 B) B  
 C) C
25. [MA4DD 25] Which figures have the same perimeter but different areas? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
26. [MA4DD 26] Which figures have the same area but different perimeters? [View Image](#)  
 A) A and B  
 B) A and C  
 C) B and C
27. [MA4DD 27] Which of the following could be the perimeter of a rectangle with an area of 24 square inches?  
 A) 24 inches  
 B) 18 inches  
 C) 20 inches  
 D) 32 inches
28. [MA4DD 28] Which of the following could be the perimeter of a rectangle with an area of 48 square centimeters?

- A) 32 centimeters  
 B) 48 centimeters  
 C) 36 centimeters  
 D) 24 centimeters
29. [MA4DD 29] A garden has an area of 24 square feet. What is the smallest possible perimeter of the garden?  
 A) 22 feet  
 B) 28 feet  
 C) 18 feet  
 D) 20 feet
30. [MA4DD 30] A flowerbed has an area of 12 square meters. What is the largest possible perimeter of the flowerbed?  
 A) 16 meters  
 B) 26 meters  
 C) 24 meters  
 D) 14 meters
31. [MA4DD 31] Find the volume of the rectangular prism. [View Image](#)  
 A) 24 cubic centimeters  
 B) 84 cubic centimeters  
 C) 70 cubic centimeters  
 D) 49 cubic centimeters
32. [MA4DD 32] Find the volume of the rectangular prism. [View Image](#)  
 A) 144 cubic inches  
 B) 216 cubic inches  
 C) 72 cubic inches  
 D) 52 cubic inches
33. [MA4DD 33] Choose the rectangular prism whose volume is 54 cubic centimeters. [View Image](#)  
 A) A  
 B) B  
 C) C
34. [MA4DD 34] Choose the rectangular prism whose volume is 12 cubic inches. [View Image](#)  
 A) A  
 B) B  
 C) C
35. [MA4DD 35] Choose the rectangular prism whose volume is 25 cubic centimeters. [View Image](#)  
 A) A  
 B) B  
 C) C
36. [MA4DD 36] Choose the rectangular prism whose volume is 56 cubic inches. [View Image](#)  
 A) A  
 B) B  
 C) C
37. [MA4DD 37] A box has a width of 5 centimeters and a height of 6 centimeters. If the volume is 150 cubic centimeters, what is the length of the box?  
 A) 5 centimeters  
 B) 4 centimeters  
 C) 7 centimeters  
 D) 3 centimeters
38. [MA4DD 38] A box has a length of 4 inches and a width of 8 inches. If the volume is 192 cubic inches, what is the height of the box?  
 A) 4 inches  
 B) 7 inches  
 C) 6 inches  
 D) 5 inches
39. [MA4DD 39] Joseph built a sandbox in his backyard that is 2 meters wide, 4 meters long, and 2 meters tall. What volume of sand does he need to completely fill the sandbox?  
 A) 20 cubic meters  
 B) 16 cubic meters  
 C) 8 cubic meters  
 D) 12 cubic meters
40. [MA4DD 40] Nina had a pool built that is 6 feet long, 8 feet wide, and 6 feet deep. What volume of water does she need to completely fill the pool?  
 A) 96 cubic feet  
 B) 84 cubic feet  
 C) 348 cubic feet  
 D) 288 cubic feet

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Frequency Tables #(3574)

1. [MA4EA01 A] How many boys like to read science fiction books? [View Image](#)  
 A) 15  
 B) 16  
 C) 18  
 D) 22
2. [MA4EA01 B] How many more girls like poetry than boys? [View Image](#)  
 A) 9  
 B) 7  
 C) 16  
 D) 25
3. [MA4EA01 C] How many students like fantasy books? [View Image](#)  
 A) 15  
 B) 16  
 C) 31  
 D) 34
4. [MA4EA01 D] How many boys like mystery and historical fiction books? [View Image](#)  
 A) 16  
 B) 18  
 C) 22  
 D) 28
5. [MA4EA01 E] Which type of book is liked the most by students? [View Image](#)  
 A) historical fiction  
 B) science fiction  
 C) fantasy  
 D) mystery
6. [MA4EA01 F] Which type of dessert do men like more often? [View Image](#)  
 A) cake  
 B) pie  
 C) ice cream  
 D) cookies
7. [MA4EA01 G] How many boys and girls like cookies for dessert? [View Image](#)  
 A) 11  
 B) 22  
 C) 24  
 D) 26
8. [MA4EA01 H] How many more women like pie for dessert than girls? [View Image](#)  
 A) 5  
 B) 7  
 C) 11  
 D) 15
9. [MA4EA01 I] Which dessert do most boys prefer? [View Image](#)  
 A) cake  
 B) pie  
 C) ice cream  
 D) cookies
10. [MA4EA01 J] Which dessert do most adults prefer? [View Image](#)  
 A) cake  
 B) pie  
 C) ice cream  
 D) cookies
11. [MA4EA01 K] How many tickets were sold on Thursday? [View Image](#)  
 A) 25  
 B) 31  
 C) 18  
 D) 89
12. [MA4EA01 L] By Wednesday, how many tickets were sold altogether? [View Image](#)  
 A) 40  
 B) 31  
 C) 71  
 D) 89
13. [MA4EA01 M] How many more tickets were sold on Tuesday than Monday? [View Image](#)

- A) 25  
B) 15  
 C) 10  
D) 5
14. [MA4EA01 N] How many talent show tickets were sold in all? [View Image](#)  
A) 37  
B) 89  
 C) 126  
D) 212
15. [MA4EA01 O] What does the number 40 in the chart mean? [View Image](#)  
A) It means that 40 more tickets were sold on Tuesday than Monday.  
B) It means that 40 tickets were sold on Tuesday.  
C) It means that 40 more tickets were sold on Wednesday than Tuesday.  
 D) It means that a total of 40 tickets were sold on Monday and Tuesday.
16. [MA4EA01 P] How many sunflowers were ordered? [View Image](#)  
A) 112  
B) 96  
 C) 125  
D) 333
17. [MA4EA01 Q] How many marigolds and petunias were ordered? [View Image](#)  
A) 112  
 B) 208  
C) 125  
D) 333
18. [MA4EA01 R] How many flowers were ordered altogether? [View Image](#)  
A) 81  
B) 333  
 C) 414  
D) 967
19. [MA4EA01 S] What does the number 96 in the chart mean? [View Image](#)  
A) It means that 96 more petunias were ordered than marigolds.  
 B) It means that 96 petunias were ordered.  
C) It means that 96 petunias and marigolds were ordered.  
D) It means that 96 more petunias were ordered than sunflowers.
20. [MA4EA01 T] What does the number 333 in the chart mean? [View Image](#)  
A) It means that 333 more sunflowers were ordered than petunias.  
B) It means that 333 flowers were ordered altogether.  
 C) It means that 333 marigolds, petunias, and sunflowers were ordered.  
D) It means that 333 sunflowers were ordered.

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Bar Graphs #(3572)

1. [MA4EA02 A] Which student recycled the most aluminum cans? [View Image](#)  
A) Lydia  
B) Tracy  
 C) John  
D) Kim
2. [MA4EA02 B] About how many aluminum cans did Tracy recycle? [View Image](#)  
A) 110  
B) 100  
 C) 90  
D) 80
3. [MA4EA02 C] Which student recycled about 50 aluminum cans? [View Image](#)  
A) Lydia  
B) Tony  
C) Kim  
 D) Marcus
4. [MA4EA02 D] Which student recycled about 30 more aluminum cans than Marcus? [View Image](#)  
 A) Lydia  
B) Tony  
C) Tracy  
D) Kim
5. [MA4EA02 E] How many aluminum cans did Kim and Tony recycle altogether? [View Image](#)  
A) 40  
B) 50  
 C) 60  
D) 70
6. [MA4EA02 F] Which grade level sold the same number of talent show tickets as first grade? [View Image](#)  
A) second grade  
B) third grade  
C) fourth grade  
 D) fifth grade
7. [MA4EA02 G] Which grade level sold more than 300 talent show tickets? [View Image](#)  
 A) second grade  
B) third grade  
C) fourth grade  
D) fifth grade
8. [MA4EA02 H] Approximately how many talent show tickets did fourth grade sell? [View Image](#)  
 A) 50  
B) 75  
C) 100  
D) 125
9. [MA4EA02 I] Which grade sold exactly 150 talent show tickets? [View Image](#)  
 A) second grade  
B) third grade  
C) fourth grade  
D) fifth grade
10. [MA4EA02 J] Approximately how many more talent show tickets did fifth grade sell than fourth grade? [View Image](#)  
 A) 75  
B) 50  
C) 25  
D) 10
11. [MA4EA02 K] Which group of students sold the most car wash tickets? [View Image](#)  
A) second grade boys  
B) fourth grade girls  
 C) third grade girls  
D) third grade boys
12. [MA4EA02 L] Which group of students sold the least amount of car wash tickets? [View Image](#)  
 A) first grade boys  
B) first grade girls  
C) fifth grade girls  
D) third grade boys

13. [MA4EA02 M] Which group of students sold approximately 55 car wash tickets? [View Image](#)
- A) second grade girls
  - B) fifth grade boys
  - C) third grade girls
  - D) third grade boys
14. [MA4EA02 N] How many car wash tickets did fifth grade sell? [View Image](#)
- A) 100
  - B) 85
  - C) 55
  - D) 45
15. [MA4EA02 O] How many car wash tickets did first grade girls sell? [View Image](#)
- A) 21
  - B) 25
  - C) 35
  - D) 38
16. [MA4EA02 P] Which bar graph matches the data in the table? [View Image](#)
- A) graph A
  - B) graph B
  - C) graph C
17. [MA4EA02 Q] Which bar graph matches the data in the table? [View Image](#)
- A) graph A
  - B) graph B
  - C) graph C
  - D) none of the above
18. [MA4EA02 R] Which frequency table matches the data in bar graph? [View Image](#)
- A) table A
  - B) table B
  - C) table C
  - D) none of the above
19. [MA4EA02 S] Which frequency table matches the data in bar graph? [View Image](#)
- A) table A
  - B) table B
  - C) table C
  - D) none of the above
20. [MA4EA02 T] Which frequency table matches the data in bar graph? [View Image](#)
- A) table A
  - B) table B
  - C) table C
  - D) none of the above

**Questions and Responses**

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**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Line and Stem-and-Leaf Plots #(3573)

1. [MA4EA03 A] What do the X's on the line plot represent? [View Image](#)  
A) number of pets  
B) type of pet  
 C) number of fourth graders  
D) grade of students
2. [MA4EA03 B] What type of graph is shown? [View Image](#)  
A) line graph  
B) stem-and-leaf plot  
 C) line plot  
D) bar graph
3. [MA4EA03 C] How many fourth graders own 4 pets? [View Image](#)  
A) 1  
B) 7  
C) 4  
 D) 2
4. [MA4EA03 D] How many students participated in this survey? [View Image](#)  
 A) 22  
B) 20  
C) 16  
D) 1
5. [MA4EA03 E] How many pets do most fourth graders own? [View Image](#)  
A) 7  
B) 6  
 C) 3  
D) 1
6. [MA4EA03 F] How many students at camp are 13 years old? [View Image](#)  
A) 1  
B) 2  
C) 4  
 D) 5
7. [MA4EA03 G] What is the age of the youngest student at camp? [View Image](#)  
 A) 9  
B) 10  
C) 12  
D) 15
8. [MA4EA03 H] What is the age of most students at camp? [View Image](#)  
 A) 9  
B) 12  
C) 13  
D) 15
9. [MA4EA03 I] How many students attend camp? [View Image](#)  
 A) 27  
B) 23  
C) 21  
D) 13
10. [MA4EA03 J] How many students are at least 14 years old? [View Image](#)  
 A) 3  
B) 4  
C) 5  
D) 6
11. [MA4EA03 K] How many bowlers scored 98? [View Image](#)  
A) 4  
B) 3  
 C) 2  
D) 1
12. [MA4EA03 L] What is the highest score a bowler made? [View Image](#)  
 A) 106  
B) 103  
C) 101  
D) 10
13. [MA4EA03 M] How many bowlers scored between 70 and 90? [View Image](#)

- A) 5  
 B) 8  
C) 11  
D) 13
14. [MA4EA03 N] What was the most common score? [View Image](#)  
 A) 103  
B) 101  
C) 98  
D) 74
15. [MA4EA03 O] What does the 7 in the first column represent? [View Image](#)  
A) 7  
B) 17  
 C) 70  
D) 700
16. [MA4EA03 P] What is the height of the tallest student? [View Image](#)  
A) 6 inches  
B) 57 inches  
C) 61 inches  
 D) 63 inches
17. [MA4EA03 Q] How many students were measured? [View Image](#)  
 A) 18 students  
B) 20 students  
C) 22 students  
D) 24 students
18. [MA4EA03 R] What type of graph is shown? [View Image](#)  
A) line plot  
 B) stem-and-leaf plot  
C) bar graph  
D) pictograph
19. [MA4EA03 S] How many students are less than 46 inches tall? [View Image](#)  
A) 2  
B) 3  
 C) 5  
D) 7
20. [MA4EA03 T] How many students measure between 45 inches and 55 inches? [View Image](#)  
A) 5  
 B) 6  
C) 7  
D) 12

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Line Graphs #(3575)

1. [MA4EA04 A] Which type of graph shows how something changes over time?
  - A) bar graph
  - B) line plot
  - C) line graph
  - D) pictograph
2. [MA4EA04 B] A line graph is best suited for showing \_\_\_\_\_.
  - A) how students arrive at school
  - B) the ages of students
  - C) the amount of rainfall each month during the last year
  - D) the number of tickets sold
3. [MA4EA04 C] A line graph \_\_\_\_\_.
  - A) compares similar data
  - B) organizes data by place value
  - C) shows the frequency of data
  - D) shows change over time
4. [MA4EA04 D] Which graph is best suited to show the change in a puppy's weight over a 6 month period?
  - A) line graph
  - B) line plot
  - C) stem-and-leaf plot
  - D) bar graph
5. [MA4EA04 E] Which graph shows a series of plotted points connected by line segments?
  - A) pictograph
  - B) line graph
  - C) line plot
  - D) bar graph
6. [MA4EA04 F] What was the temperature at 2:00 P.M. during field day? [View Image](#)
  - A) 88°F
  - B) 93° F
  - C) 85° F
  - D) 90° F
7. [MA4EA04 G] At what time was the temperature the warmest? [View Image](#)
  - A) 2:00 P.M.
  - B) 1:00 P.M.
  - C) 3:00 P.M.
  - D) 12:30 P.M.
8. [MA4EA04 H] About how much did the temperature increase from 8:00 A.M. to 12:00 P.M.? [View Image](#)
  - A) 20° F
  - B) 35° F
  - C) 18° F
  - D) 25° F
9. [MA4EA04 I] What happened to the temperature after 2:00 P.M.? [View Image](#)
  - A) It continued to increase.
  - B) It started to decrease.
  - C) It stayed the same.
  - D) The graph does not show that information.
10. [MA4EA04 J] Which time of day had the coolest temperature? [View Image](#)
  - A) 2:00 P.M.
  - B) 8:00 A.M.
  - C) 11:00 A.M.
  - D) 9:00 A.M.
11. [MA4EA04 K] On which day were the most miles traveled? [View Image](#)
  - A) Monday
  - B) Wednesday
  - C) Thursday
  - D) Friday
12. [MA4EA04 L] About how many miles were traveled by Thursday? [View Image](#)
  - A) 225 miles
  - B) 200 miles
  - C) 325 miles
  - D) 300 miles
13. [MA4EA04 M] On which day were the least amount of miles driven? [View Image](#)

- A) Tuesday  
B) Wednesday  
C) Thursday  
D) Friday
14. [MA4EA04 N] By Friday, how many miles were driven? [View Image](#)  
A) 400 miles  
B) 375 miles  
 C) 300 miles  
D) The graph does not show this information.
15. [MA4EA04 O] According to the line graph, how long did the trip take? [View Image](#)  
A) 5 hours  
B) 1 day  
 C) 5 days  
D) The graph does not show this information.
16. [MA4EA04 P] Who had the highest bowling average on week 3? [View Image](#)  
 A) John  
B) Tony  
C) Their bowling averages were the same for week 3.  
D) The graph does not show this information.
17. [MA4EA04 Q] What was John's bowling average for week 4? [View Image](#)  
 A) 80  
B) 75  
C) 65  
D) 60
18. [MA4EA04 R] Which type of graph is shown? [View Image](#)  
A) line plot  
B) stem-and-leaf plot  
C) bar graph  
 D) line graph
19. [MA4EA04 S] By the end of the summer league, who improved the most? [View Image](#)  
A) Neither bowler improved.  
B) Tony  
 C) John  
D) Both bowlers improved the same amount.
20. [MA4EA04 T] On which week, did John and Tony have the closest bowling averages? [View Image](#)  
 A) week 1  
 B) week 2  
C) week 3  
D) week 5

**Questions and Responses**[Print](#)[Close](#)**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Mean, Median, Mode, and Range #(3576)

1. [MA4EA05 A] The \_\_\_\_\_ is the number that occurs most often in a set of data.  
A) median  
B) range  
 C) mode  
D) mean
2. [MA4EA05 B] The \_\_\_\_\_ is the middle number in a set of numbers ordered from least to greatest.  
A) range  
B) mode  
 C) median  
D) mean
3. [MA4EA05 C] The \_\_\_\_\_ is found by dividing the sum of numbers by the number of addends.  
A) range  
B) mode  
C) median  
 D) mean
4. [MA4EA05 D] The \_\_\_\_\_ is the difference between the least number and the greatest number in a set of numbers.  
 A) range  
B) mode  
C) median  
D) mean
5. [MA4EA05 E] Find the mean. [View Image](#)  
 A) 2  
 B) 3  
C) 4  
D) 5
6. [MA4EA05 F] Find the mean. [View Image](#)  
 A) 1  
 B) 2  
C) 3  
D) 4
7. [MA4EA05 G] Find the mean. [View Image](#)  
 A) 2  
 B) 3  
C) 4  
D) 5
8. [MA4EA05 H] Find the range of the data. [View Image](#)  
 A) 38  
 B) 25  
C) 34  
D) 63
9. [MA4EA05 I] Find the mode of the data. [View Image](#)  
 A) 38  
 B) 56  
C) 60  
D) 63
10. [MA4EA05 J] Find the median of the data. [View Image](#)  
A) 38  
B) 49  
 C) 50  
D) 63
11. [MA4EA05 K] What is the range of the data? [View Image](#)  
A) 32  
B) 25  
 C) 7  
D) 5
12. [MA4EA05 L] What is the mode of the data? [View Image](#)  
 A) 31  
B) 25  
C) 32

- D) 7
13. [MA4EA05 M] What is the median of the data? [View Image](#)
- A) 31
  - B) 29
  - C) 25
  - D) 32
14. [MA4EA05 N] The range of the data is \_\_\_\_\_. [View Image](#)
- A) 90
  - B) 110
  - C) 20
  - D) 70
15. [MA4EA05 O] The mode of the data is \_\_\_\_\_. [View Image](#)
- A) 110
  - B) 80
  - C) 20
  - D) This data does not have a mode.
16. [MA4EA05 P] The median of the data is \_\_\_\_\_. [View Image](#)
- A) 80
  - B) 70
  - C) 60
  - D) 20
17. [MA4EA05 Q] Find the mode of the data. [View Image](#)
- A) 100
  - B) 75
  - C) 50
  - D) 25
18. [MA4EA05 R] Find the range of the data. [View Image](#)
- A) 25
  - B) 50
  - C) 75
  - D) 100
19. [MA4EA05 S] Find the true statement. [View Image](#)
- A) The mean is about 25.
  - B) The mean is more than 125.
  - C) The mean is about 100.
  - D) The mean cannot be calculated.
20. [MA4EA05 T] Find the true statement.
- A) The mode and median tell the same information about a set of data.
  - B) The mode and mean tell the same information about a set of data.
  - C) The median and the range tell the same information about a set of data.
  - D) The mean and mode tell different information about a set of data.

## Questions and Responses

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### Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Display and Interpret Data #(649)

1. [MA4EA 1] How many students have dogs with black fur and green eyes? [View Image](#)  
 A) 7  
 B) 12  
 C) 16  
 D) 19
2. [MA4EA 2] How many students own dogs with brown fur and yellow eyes? [View Image](#)  
 A) 8  
 B) 9  
 C) 11  
 D) 19
3. [MA4EA 3] How many more students own dogs with white fur and brown eyes, than dogs with white fur and green eyes? [View Image](#)  
 A) 3  
 B) 5  
 C) 9  
 D) 19
4. [MA4EA 4] How many more students own dogs with yellow fur and green eyes, than dogs with brown fur and brown eyes? [View Image](#)  
 A) 7  
 B) 9  
 C) 11  
 D) 21
5. [MA4EA 5] How many milks were sold on Thursday? [View Image](#)  
 A) 230  
 B) 190  
 C) 807  
 D) 175
6. [MA4EA 6] How many milks were sold on Friday? [View Image](#)  
 A) 617  
 B) 190  
 C) 807  
 D) 225
7. [MA4EA 7] By Wednesday, how many milks were sold during lunch? [View Image](#)  
 A) 190  
 B) 617  
 C) 807  
 D) 1,032
8. [MA4EA 8] How many milks were sold on Monday and Tuesday? [View Image](#)  
 A) 212  
 B) 387  
 C) 175  
 D) 617
9. [MA4EA 9] Which student recycled 90 aluminum cans? [View Image](#)  
 A) Lydia  
 B) John  
 C) Tracy  
 D) Marcus
10. [MA4EA 10] Which student recycled 50 more aluminum cans than Tony? [View Image](#)  
 A) John  
 B) Tracy  
 C) Marcus  
 D) Lydia
11. [MA4EA 11] Which grade levels sold more than 200 tickets? [View Image](#)  
 A) first grade and second grade  
 B) kindergarten and second grade  
 C) second grade and fifth grade  
 D) first grade and fourth grade
12. [MA4EA 12] Approximately how many more talent show tickets did kindergarten sell than third grade? [View Image](#)  
 A) 25  
 B) 50  
 C) 125

- D) 100
13. [MA4EA 13] How many car wash tickets did the fourth grade students sell? [View Image](#)
- A) 120
- B) 112
- C) 70
- D) 52
14. [MA4EA 14] Which grade level sold the fewest car wash tickets? [View Image](#)
- A) fourth grade
- B) third grade
- C) second grade
- D) first grade
15. [MA4EA 15] How many more car wash tickets did the boys sell in fifth grade than the girls? [View Image](#)
- A) 25
- B) 15
- C) 10
- D) 5
16. [MA4EA 16] In how many grade levels did the girls sell more car wash tickets than the boys? [View Image](#)
- A) 4
- B) 3
- C) 2
- D) 1
17. [MA4EA 17] How many classes have 31 students? [View Image](#)
- A) 2
- B) 4
- C) 6
- D) 7
18. [MA4EA 18] How many classes have less than 28 students? [View Image](#)
- A) 6
- B) 5
- C) 3
- D) 2
19. [MA4EA 19] What is the least number of students a class has? [View Image](#)
- A) 24
- B) 25
- C) 27
- D) 30
20. [MA4EA 20] What is the number of students most classes have? [View Image](#)
- A) 25
- B) 28
- C) 31
- D) 33
21. [MA4EA 21] What is the fastest time a student ran the 50-yard dash? [View Image](#)
- A) 23 seconds
- B) 28 seconds
- C) 32 seconds
- D) 61 seconds
22. [MA4EA 22] What is the slowest time a student ran the 50-yard dash? [View Image](#)
- A) 23 seconds
- B) 37 seconds
- C) 55 seconds
- D) 61 seconds
23. [MA4EA 23] How many students ran faster than 35 seconds? [View Image](#)
- A) 3 students
- B) 5 students
- C) 7 students
- D) 13 students
24. [MA4EA 24] How many students ran the 50-yard dash? [View Image](#)
- A) 15 students
- B) 18 students
- C) 21 students
- D) 23 students
25. [MA4EA 25] A graph that shows change over time is a \_\_\_\_\_.
- A) bar graph
- B) line plot
- C) line graph
- D) stem-and-leaf-plot
26. [MA4EA 26] A line graph \_\_\_\_\_.
- A) shows how often something occurs
- B) shows change over time
- C) compares similar data
- D) organizes data by place value

27. [MA4EA 27] In which month did baseball game attendance increase the most? [View Image](#)  
A) February  
 B) March  
C) April  
D) May
28. [MA4EA 28] In which months did baseball game attendance decrease from the month before? [View Image](#)  
A) January and May  
B) February and April  
 C) February, April, and June  
D) February, April, and May
29. [MA4EA 29] How many more people attended baseball games in March than in February? [View Image](#)  
 A) 150 people  
B) 100 people  
C) 200 people  
D) 175 people
30. [MA4EA 30] About how many fewer people attend baseball games in June than in May? [View Image](#)  
 A) 50 people  
B) 75 people  
C) 100 people  
D) 125 people
31. [MA4EA 31] In July, how many more students attended the pool center last year than this year? [View Image](#)  
A) 70 people  
B) 30 people  
 C) 20 people  
D) 10 people
32. [MA4EA 32] Which month had the highest pool center attendance this year? [View Image](#)  
A) June  
B) July  
 C) August  
D) September
33. [MA4EA 33] Find the range of the data. [View Image](#)  
 A) 30  
B) 78  
C) 100  
D) 108
34. [MA4EA 34] Find the median of the data. [View Image](#)  
 A) 20  
B) 24  
C) 26  
D) 27
35. [MA4EA 35] Find the mode of the data. [View Image](#)  
A) 6  
B) 20  
 C) 26  
D) 27
36. [MA4EA 36] Find the mode of the data. [View Image](#)  
A) 78  
B) 90  
 C) 96  
D) 108
37. [MA4EA 37] Find the median of the data. [View Image](#)  
A) 50  
 B) 75  
C) 100  
D) 125
38. [MA4EA 38] Find the range of the data. [View Image](#)  
A) 125  
 B) 100  
C) 75  
D) 50
39. [MA4EA 39] Find the mean of this set of data. [View Image](#)  
A) 75  
 B) 85  
C) 87  
D) 97
40. [MA4EA 40] Find the mean of this set of data. [View Image](#)  
A) 76  
B) 80  
 C) 86  
D) 96

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Certainty and Likelihood #(3569)

1. [MA4EB01 A] An event that will definitely happen is \_\_\_\_\_.  
 A) certain  
 B) possible  
 C) impossible
2. [MA4EB01 B] An event that cannot happen is \_\_\_\_\_.  
 A) certain  
 B) possible  
 C) impossible
3. [MA4EB01 C] An event that has a chance of happening is \_\_\_\_\_.  
 A) certain  
 B) possible  
 C) impossible
4. [MA4EB01 D] When two events have the same chance of happening, they are \_\_\_\_\_ to happen.  
 A) more likely  
 B) equally likely  
 C) less likely
5. [MA4EB01 E] When one event has a greater chance of happening than another event, it is \_\_\_\_\_ to happen.  
 A) more likely  
 B) equally likely  
 C) less likely
6. [MA4EB01 F] When one event has a lesser chance of happening than another event, it is \_\_\_\_\_ to happen.  
 A) more likely  
 B) equally likely  
 C) less likely
7. [MA4EB01 G] When all outcomes of an event are equally likely, the event is \_\_\_\_\_.  
 A) certain  
 B) impossible  
 C) fair  
 D) unfair
8. [MA4EB01 H] When one or more outcomes of an event are more likely than the others, the event is \_\_\_\_\_.  
 A) certain  
 B) impossible  
 C) fair  
 D) unfair
9. [MA4EB01 I] A student pulls a marble from a bag containing 2 red marbles, 4 blue marbles, and 1 green marble. The marble is \_\_\_\_\_ to be green than red.  
 A) more likely  
 B) equally likely  
 C) less likely
10. [MA4EB01 J] Pulling a red marble from this bag is \_\_\_\_\_. [View Image](#)  
 A) certain  
 B) possible  
 C) impossible
11. [MA4EB01 K] This spinner is less likely to land on a \_\_\_\_\_ than a heart. [View Image](#)  
 A) smiley face  
 B) flower  
 C) heart
12. [MA4EB01 L] There is an equally likely chance of pulling a red marble or a \_\_\_\_\_ marble. [View Image](#)  
 A) blue  
 B) green  
 C) yellow  
 D) purple
13. [MA4EB01 M] When you roll a number cube numbered 1 to 6, you are \_\_\_\_\_ to roll a 1, 2, 3, 4, 5, or 6.  
 A) more likely

- B) equally likely  
 C) less likely
14. [MA4EB01 N] When you roll a number cube numbered 1 to 6, it is \_\_\_\_\_ to roll a number greater than 5.  
 A) certain  
 B) possible  
 C) impossible
15. [MA4EB01 O] It is \_\_\_\_\_ to pull a yellow marble or a red marble from a bag containing 4 yellow and 2 red marbles.  
 A) certain  
 B) possible  
 C) impossible
16. [MA4EB01 P] This spinner is \_\_\_\_\_ to land on a flower than a heart. [View Image](#)  
 A) more likely  
 B) equally likely  
 C) less likely
17. [MA4EB01 Q] This spinner is \_\_\_\_\_ to land on a flower than a star. [View Image](#)  
 A) more likely  
 B) equally likely  
 C) less likely
18. [MA4EB01 R] This spinner is \_\_\_\_\_ to land on a star than a heart. [View Image](#)  
 A) more likely  
 B) equally likely  
 C) less likely
19. [MA4EB01 S] If 3 marbles are pulled from the bag at once, it is \_\_\_\_\_ that all 3 marbles will be yellow. [View Image](#)  
 B) possible  
 C) impossible
20. [MA4EB01 T] If 4 marbles are pulled from the bag at once, it is \_\_\_\_\_ that at least one marble will be yellow. [View Image](#)  
 A) certain  
 B) possible  
 C) impossible

## Questions and Responses

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### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Possible Combinations #(3570)

1. [MA4EB02 A] A shirt comes in 2 different colors and can have long or short sleeves. How many possible combinations are there?  
 A) 2  
 B) 4  
 C) 6  
 D) 8
2. [MA4EB02 B] A meal has a choice of 3 appetizers, 2 main courses, and 2 desserts. How many possible combinations are there?  
 A) 7  
 B) 9  
 C) 10  
 D) 12
3. [MA4EB02 C] An outfit can be made from a choice of 3 shirts and 3 pairs of shorts. How many possible combinations are there?  
 A) 6  
 B) 8  
 C) 9  
 D) 12
4. [MA4EB02 D] A runner has a choice of 2 shoes and 3 socks. How many possible combinations are there?  
 A) 5  
 B) 6  
 C) 8  
 D) 9
5. [MA4EB02 E] A sundae can be made from 3 types of ice cream, 2 types of syrup, and 3 types of toppings. How many possible combinations are there?  
 A) 8  
 B) 11  
 C) 15  
 D) 18
6. [MA4EB02 F] A meal can be made from 2 appetizers, 4 main courses, and 3 desserts. How many possible combinations are there?  
 A) 9  
 B) 11  
 C) 14  
 D) 24
7. [MA4EB02 G] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 4  
 B) 6  
 C) 8  
 D) 10
8. [MA4EB02 H] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 2  
 B) 3  
 C) 4  
 D) 5
9. [MA4EB02 I] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 5  
 B) 6  
 C) 7  
 D) 8
10. [MA4EB02 J] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 7  
 B) 12  
 C) 18  
 D) 21
11. [MA4EB02 K] Which group has a green, short-sleeved shirt as a possible combination?  
 A) 2 colors of shirts that can be with or without collars  
 B) 2 colors of shirts that can be button-up or pullover  
 C) 3 colors of shirts that can be long or short-sleeved  
 D) 4 colors of shirts that can be cotton or silk

12. [MA4EB02 L] Which group has a pair of tennis shoes with short, white socks as a possible combination?
- A) 2 types of shoes with 3 different length white socks
  - B) 3 types of shoes with 3 different laces
  - C) 3 types of shoes with 2 choices of color
  - D) 4 types of shoes with 2 choices of soles
13. [MA4EB02 M] Which group has a red shirt and blue shorts as a possible combination?
- A) 2 colors of shirts and 2 colors of shoes
  - B) 2 colors of blouses and 3 colors of skirts
  - C) 4 colors of shirts and 2 colors of jeans
  - D) 4 colors of shirts and 3 colors of shorts
14. [MA4EB02 N] Which group has a salad with a chicken platter as a possible combination?
- A) 1 appetizer and 2 drink choices
  - B) 2 appetizers and 3 main course choices
  - C) 3 main course choices and 2 dessert choices
  - D) 4 main course choices and 3 drink choices
15. [MA4EB02 O] Which group has vanilla ice cream with chocolate syrup as a possible combination?
- A) 2 types of ice cream and 3 types of syrup
  - B) 3 types of ice cream and 2 types of bowls
  - C) 3 types of ice cream and 3 types of fruit toppings
  - D) 4 types of ice cream and 2 types of nuts
16. [MA4EB02 P] Which group has a red shirt, tan pants, and white shoes as a possible combination?
- A) 2 colors of shirts, 1 color of pants, and 3 colors of socks
  - B) 3 colors of shirts, 2 colors of shoes, and 2 colors of socks
  - C) 3 colors of shirts, 2 colors of pants, and 2 colors of shoes
  - D) 2 colors of pants, 2 colors of shoes, and 2 colors of socks
17. [MA4EB02 Q] Which of the following is a possible combination of the items pictured? [View Image](#)
- A) a blue shirt and red shoes
  - B) a red shirt and blue shorts
  - C) a green shirt and red shorts
  - D) a yellow shirt and blue shoes
18. [MA4EB02 R] Which of the following is a possible combination of the items pictured? [View Image](#)
- A) white shoes and long blue socks
  - B) red shoes and short red socks
  - C) yellow shoes and long blue socks
  - D) blue shoes and short white socks
19. [MA4EB02 S] Which of the following is a possible combination of the items pictured? [View Image](#)
- A) a bowl of ice cream and a piece of pie
  - B) a bowl of soup and a cookie
  - C) a salad and a bowl of ice cream
  - D) a salad and a piece of pie
20. [MA4EB02 T] Which of the following is a possible combination of the items pictured? [View Image](#)
- A) an orange cat, a white dog, and a black cat
  - B) a white cat, a black dog, and a white rabbit
  - C) a black cat, a gray rabbit, and a white rabbit
  - D) a black dog, a white dog, and a gray dog

## Questions and Responses



### Lesson Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Calculate Probability #(3571)

1. [MA4EB03 A] An impossible event has a probability of \_\_\_\_\_.  
 A) 0  
 B) 1  
 C) 100
2. [MA4EB03 B] A certain event has a probability of \_\_\_\_\_.  
 A) 0  
 B) 1  
 C) 100
3. [MA4EB03 C] When probability is expressed as a fraction, the numerator represents the number of \_\_\_\_\_.  
 A) unfavorable outcomes  
 B) favorable outcomes  
 C) possible outcomes
4. [MA4EB03 D] When probability is expressed as a fraction, the denominator represents the number of \_\_\_\_\_.  
 A) unfavorable outcomes  
 B) favorable outcomes  
 C) possible outcomes
5. [MA4EB03 E] There are 3 blue marbles, 2 green marbles, 4 red marbles, and 1 yellow marble in a bag.  
 What is the probability of pulling a blue marble from the bag?  
 A)  $\frac{3}{24}$   
 B)  $\frac{1}{4}$   
 C)  $\frac{3}{10}$
6. [MA4EB03 F] An equally divided spinner has 2 red sections, 1 blue section, and 2 green sections.  
 What is the probability of landing on a red section?  
 A)  $\frac{2}{5}$   
 B)  $\frac{1}{3}$   
 C)  $\frac{2}{3}$
7. [MA4EB03 G] There are 2 red marbles, 4 blue marbles, and 4 yellow marbles in a bag.  
 What is the probability of pulling a yellow marble from the bag?  
 A)  $\frac{4}{10}$  or  $\frac{2}{5}$   
 B)  $\frac{1}{3}$   
 C)  $\frac{4}{6}$  or  $\frac{2}{3}$
8. [MA4EB03 H] An equally divided spinner has 3 blue sections, 2 red sections, and 1 yellow section.  
 What is the probability of landing on a blue section?  
 A)  $\frac{1}{3}$   
 B)  $\frac{3}{6}$  or  $\frac{1}{2}$   
 C)  $\frac{3}{7}$
9. [MA4EB03 I] There are 6 marbles in a bag. The probability of pulling a yellow marble is  $\frac{1}{6}$ .  
 How many yellow marbles are in the bag?  
 A) 1  
 B) 5  
 C) 6
10. [MA4EB03 J] There are 5 marbles in a bag. The probability of pulling a green marble is  $\frac{3}{5}$ .  
 How many green marbles are in the bag?  
 A) 1  
 B) 3  
 C) 5
11. [MA4EB03 K] There are 3 equal sections on a spinner. The probability of landing on blue is  $\frac{2}{3}$ .  
 How many blue sections are on the spinner?  
 A) 1  
 B) 2  
 C) 3
12. [MA4EB03 L] There are 8 equal sections on a spinner. The probability of landing on purple is  $\frac{3}{8}$ .

- How many purple sections are on the spinner?
- A) 3  
 B) 5  
 C) 8
13. [MA4EB03 M] The probability of landing on a flower is  $\frac{1}{3}$ . Which spinner shows this probability? [View Image](#)  
 A) A  
 B) B  
 C) C
14. [MA4EB03 N] The probability of landing on a smiley face is  $\frac{2}{5}$ . Which spinner shows this probability? [View Image](#)  
 A) A  
 B) B  
 C) C
15. [MA4EB03 O] The probability of pulling a green marble is  $\frac{3}{7}$ . Which bag of marbles shows this probability? [View Image](#)  
 A) A  
 B) B  
 C) C
16. [MA4EB03 P] The probability of pulling a yellow marble is  $\frac{1}{6}$ . Which bag of marbles shows this probability? [View Image](#)  
 A) A  
 B) B  
 C) C
17. [MA4EB03 Q] What is the probability of landing on a star? [View Image](#)  
 A)  $\frac{1}{3}$   
 B)  $\frac{4}{9}$   
 C)  $\frac{4}{5}$
18. [MA4EB03 R] What is the probability of landing on a heart? [View Image](#)  
 A)  $\frac{2}{3}$   
 B)  $\frac{1}{3}$   
 C)  $\frac{2}{5}$
19. [MA4EB03 S] What is the probability of pulling a yellow marble? [View Image](#)  
 A)  $\frac{1}{4}$   
 B)  $\frac{1}{8}$   
 C)  $\frac{1}{7}$
20. [MA4EB03 T] What is the probability of pulling a purple marble? [View Image](#)  
 A)  $\frac{1}{4}$   
 B)  $\frac{3}{7}$   
 C)  $\frac{3}{10}$

## Questions and Responses

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## Chapter Test

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Probability #(648)

1. [MA4EB 1] An event that cannot happen is \_\_\_\_\_.  
A) certain  
B) possible  
 C) impossible
2. [MA4EB 2] An event that has a chance of happening is \_\_\_\_\_.  
A) certain  
 B) possible  
C) impossible
3. [MA4EB 3] When one event has a greater chance of happening than another event, it is \_\_\_\_\_ to happen.  
 A) more likely  
B) equally likely  
C) less likely
4. [MA4EB 4] When two events have the same chance of happening, they are \_\_\_\_\_ to happen.  
 B) equally likely  
A) more likely  
C) less likely
5. [MA4EB 5] When all outcomes of an event are equally likely, the event is \_\_\_\_\_.  
 A) fair  
B) unfair  
C) certain  
D) impossible
6. [MA4EB 6] If 3 marbles are pulled from the bag at once, it is \_\_\_\_\_ that all 3 will be green. [View Image](#)  
A) certain  
B) possible  
 C) impossible
7. [MA4EB 7] This spinner is \_\_\_\_\_ to land on a heart as a smiley face. [View Image](#)  
 B) equally likely  
A) more likely  
C) less likely
8. [MA4EB 8] This spinner is \_\_\_\_\_ to land on a flower than a smiley face. [View Image](#)  
 A) more likely  
B) equally likely  
C) less likely
9. [MA4EB 9] An outfit can be made from a choice of 3 shirts and 3 pairs of shorts. How many possible combinations are there?  
A) 6  
B) 7  
 C) 9  
D) 11
10. [MA4EB 10] A sundae can be made from 3 types of yogurt, 2 types of fruit, and 3 types of toppings. If only one option from each group is chosen, how many possible combinations are there?  
A) 8  
B) 12  
 C) 18  
D) 24
11. [MA4EB 11] A shirt comes in 2 different colors and can have long or short sleeves. How many possible combinations are there?  
A) 2  
B) 3  
 C) 4  
D) 5
12. [MA4EB 12] Which group has a green, short-sleeved shirt as a possible combination?  
A) 3 colors of shirts that can be with or without a collar  
B) 3 colors of shirts that can be button-up or pullover  
 C) 4 colors of shirts that can be long or short sleeve  
D) 4 colors of shirts that can be cotton or silk
13. [MA4EB 13] Which group has vanilla yogurt with bananas as a possible combination?

- A) 2 types of yogurt and 3 types of nuts  
 B) 3 types of yogurt and 2 types of bowls  
 C) 3 types of yogurt and 3 types of syrup  
 D) 4 types of yogurt and 2 types of fruit
14. [MA4EB 14] Which group has a red shirt, tan pants, and white shoes as a possible combination?  
 A) 2 colors of shirts, 1 color of pants, and 3 colors of socks  
 B) 3 colors of shirts, 2 colors of pants, and 2 colors of shoes  
 C) 3 colors of shirts, 2 colors of shoes, and 2 colors of socks  
 D) 2 colors of pants, 2 colors of shoes, and 2 colors of socks
15. [MA4EB 15] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 2  
 B) 4  
 C) 6  
 D) 10
16. [MA4EB 16] How many possible combinations can be made from the items pictured? [View Image](#)  
 A) 7  
 B) 8  
 C) 12  
 D) 15
17. [MA4EB 17] An impossible event has a probability of \_\_\_\_\_.  
 A) 0  
 B) 1  
 C) 100
18. [MA4EB 18] A certain event has a probability of \_\_\_\_\_.  
 B) 1  
 C) 100
19. [MA4EB 19] When probability is expressed as a fraction, the numerator represents the number of \_\_\_\_\_.  
 B) favorable outcomes  
 C) unfavorable outcomes
20. [MA4EB 20] When probability is expressed as a fraction, the denominator represents the number of \_\_\_\_\_.  
 A) possible outcomes  
 B) favorable outcomes  
 C) unfavorable outcomes
21. [MA4EB 21] There are 2 red marbles, 4 blue marbles, and 4 yellow marbles in a bag. What is the probability of pulling a yellow marble?  
 C)  $\frac{4}{10}$  or  $\frac{2}{5}$
22. [MA4EB 22] An equally divided spinner has 3 blue sections, 2 red sections, and 1 yellow section. What is the probability of landing on blue?  
 A)  $\frac{3}{6}$  or  $\frac{1}{2}$   
 B)  $\frac{1}{3}$   
 C)  $\frac{3}{7}$
23. [MA4EB 23] There are 5 marbles in a bag. The probability of pulling a green marble is  $\frac{3}{5}$ . How many green marbles are in the bag?  
 B) 3  
 C) 5
24. [MA4EB 24] There are 3 equal sections on a spinner. The probability of landing on blue is  $\frac{2}{3}$ . How many blue sections are on the spinner?  
 A) 2  
 B) 3  
 C) 5
25. [MA4EB 25] There are 8 equal sections on a spinner. The probability of landing on purple is  $\frac{3}{8}$ . How many purple sections are on the spinner?  
 A) 3  
 B) 5  
 C) 8
26. [MA4EB 26] The probability of landing on a smiley face is  $\frac{2}{5}$ . Which spinner shows this probability? [View Image](#)  
 A) A  
 B) B

- C) C
27. [MA4EB 27] The probability of pulling a green marble is  $\frac{3}{7}$ . Which bag of marbles shows this probability? [View Image](#)  
A) A  
B) B  
 C) C
28. [MA4EB 28] What is the probability of landing on a heart? [View Image](#)  
A)  $\frac{1}{3}$   
B)  $\frac{2}{3}$   
 C)  $\frac{2}{5}$
29. [MA4EB 29] What is the probability of pulling a yellow marble? [View Image](#)  
 A)  $\frac{1}{8}$   
B)  $\frac{1}{7}$   
C)  $\frac{1}{4}$
30. [MA4EB 30] What is the probability of pulling a yellow marble? [View Image](#)  
A)  $\frac{3}{7}$   
B)  $\frac{1}{4}$   
 C)  $\frac{3}{10}$

## Questions and Responses

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## Activity Quiz

Date: 3/5/2021

Subject: Math

Level: 4

Activity: Activity Quiz: Solving Multi-Step Word Problems

1. [AQOA030 AQ4MA\_AQOA030\_01]

Sandra went to the grocery store with \$25 to buy fruit. If she spent \$12 on apples and \$8 on bananas, which set of equations could be used to find the amount of money Sandra had left?

A)  $25 - 12 = 13$

$13 + 8 = 21$

B)  $25 + 13 = 38$

$38 - 8 = y$

C)  $20 - 8 = y$

$y + 25 = 37$

D)  $12 + 8 = 20$



$25 - 20 = y$

2. [AQOA030 AQ4MA\_AQOA030\_02]

Lee, Martha, and Kelly went to the movies. Tickets for the movie cost \$10 each. Lee and Martha each bought a drink for \$5 and Kelly bought popcorn for \$4. How much money did Lee, Martha, and Kelly spend altogether?

A) \$39

B) \$40



C) \$44

D) \$54

3. [AQOA030 AQ4MA\_AQOA030\_03]

Rena has 30 tickets for the baseball game. She gives 8 tickets to Tariq and 10 tickets to Marita. Which set of equations could be used to represent how many tickets Rena should have left after she gives away the tickets to Tariq and Marita?



A)  $8 + 10 = 18$

$30 - 18 = y$

B)  $30 + 8 = 38$

$38 - y = 18$

C)  $30 - 10 = 20$

$20 + 8 = y$

D)  $30 - 12 = 18$

$18 - y = 10$

4. [AQOA030 AQ4MA\_AQOA030\_04]

Sasha has 40 tickets for the carnival. If she rides the bumper cars 2 times, the Ferris wheel 3 times, and the roller coaster 2 times, how many tickets does she have left?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A) 25
- B) 5
- C) 6
- D) 7

5. [AQOA030 AQ4MA\_AQOA030\_05]

Jordan is taking care of Mrs. Hanson's pets. He has \$50 to spend on pet food. If he buys 2 bags of dog food, 3 bags of bird seed, and 3 bags of cat treats, how much money does he have left?

Pet Food	Cost for One Bag
Dog Food	\$6
Bird Seed	\$4
Cat Treats	\$5

- A) \$39
- B) \$4
- C) \$11
- D) \$24

**Questions and Responses**

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**Lesson Quiz**

Date: 3/5/2021

Subject: Math

Level: 4

Lesson: Solving Multi-Step Word Problems #(6871)

1. [MA4EC1 HSLQ\_MA4EC1\_A]

John played a note on his tuba that vibrated the air 90 times per second. If he played the note for 4 seconds, how many times did the air vibrate?

- A) 94 times
- B) 22.5 times
- C) 360 times
- D) 86 times

2. [MA4EC1 HSLQ\_MA4EC1\_B]

Bruce's dumbbells weigh 10 pounds each. If Bruce has 14 dumbbells, how many pounds do they weigh altogether?

- A) 4 pounds
- B) 140 pounds
- C) 24 pounds
- D) 1.4 pounds

3. [MA4EC1 HSLQ\_MA4EC1\_C]

On a trip to Mountaintop Orchard, Viv picked 26 apples, Leslie picked 26, and Marion picked 32. How many apples did the three friends pick altogether?

- A) 52 apples
- B) 84 apples
- C) 58 apples
- D) 6 apples

4. [MA4EC1 HSLQ\_MA4EC1\_D]

The Thousand Islands are located along the border between New York and Canada. The Adventure Club wants to place a stone marker on 684 of the islands. The club has 36 members. If every club member goes to the same number of islands, how many islands will each member have to visit?

- A) 720 islands
- B) 648 islands
- C) 19 islands
- D) 24,624 islands

5. [MA4EC1 HSLQ\_MA4EC1\_E]

Seth is reading a long novel. If he reads 25 pages per hour, how many hours will it take him to read 250 pages?

- A) 275 hours
- B) 6,250 hours
- C) 225 hours
- D) 10 hours

6. [MA4EC1 HSLQ\_MA4EC1\_F]

In John's marching band there are 26 people in the saxophone section, 21 in the drumline, and 9 in the tuba section. How many more saxophone players are there than tuba players?

- A) 17 more saxophone players
- B) 5 more saxophone players
- C) 30 more saxophone players
- D) 12 more saxophone players

7. [MA4EC1 HSLQ\_MA4EC1\_G]

It takes Caroline 30 minutes to ride her bike from Sterling to Potomac Falls. It takes her 18 minutes to ride from Potomac Falls to Fairfax. How many minutes will it take her to ride from Sterling to Fairfax if she goes through Potomac Falls?

- A) 48 minutes  
 B) 12 minutes  
 C) 540 minutes  
 D) 1.7 minutes
8. [MA4EC1 HSLQ\_MA4EC1\_H]

Before a cold front came through, the temperature at the top of Mt. Ganem was 71 °F. The next day, the temperature was 56 °F. How many degrees did the temperature drop?

- A) 127 degrees  
 B) 1.3 degrees  
 C) 3,976 degrees  
 D) 15 degrees
9. [MA4EC1 HSLQ\_MA4EC1\_I]

To prepare for a New Year's Day parade, John practiced marching and playing his tuba for 35 minutes. He took a break and then practiced 45 more minutes. How many minutes did John practice in all?

- A) 10 minutes  
 B) 80 minutes  
 C) 1,575 minutes  
 D) 1.3 minutes
10. [MA4EC1 HSLQ\_MA4EC1\_J]

It takes Mrs. Elliot 64 hours to knit a sweater. If she plans to knit sweaters for 7 friends and relatives, how many hours must she spend knitting?

- A) 448 hours  
 B) 57 hours  
 C) 9.1 hours  
 D) 71 hours
11. [MA4EC1 HSLQ\_MA4EC1\_K]

Choose the set of equations that best matches the word problem.

Jason had \$35. He spent \$20 on movie tickets and \$8 on popcorn. How much money does Jason have left?

- A)  $\$20 + \$8 = \$28$   
 B)  $\$35 + \$28 = \$63$   
 B)  $\$20 + \$8 = \$28$   
 C)  $\$35 - \$28 = \$7$   
 C)  $\$35 - \$20 = \$15$   
 D)  $\$15 + \$8 = \$23$   
 D)  $\$35 - \$8 = \$27$   
 D)  $\$27 + \$20 = \$47$
12. [MA4EC1 HSLQ\_MA4EC1\_L]

Choose the equation that best matches the word problem.

Riley had 42 peanuts. He gave 18 to his brother and ate the rest. How many peanuts did Riley eat?

- A)  $42 - 18 = 24$   
 B)  $42 - 18 = 36$   
 C)  $42 + 18 = 60$   
 D)  $42 + 18 = 50$
13. [MA4EC1 HSLQ\_MA4EC1\_M]

Choose the equation that best matches the word problem.

Judith is 42 inches tall. Ryan is 46 inches tall. How much taller is Ryan than Judith?

- A)  $46 - 42 = 6$   
 B)  $46 + 42 = 88$   
 C)  $46 - 42 = 4$   
 D)  $46 + 42 = 48$
14. [MA4EC1 HSLQ\_MA4EC1\_N]

At a carnival, the line for the Ferris wheel had 27 people waiting, and the line for the carousel had 42 people waiting. How many more people were waiting in line for the carousel than the Ferris wheel?

- A) 15  
 B) 25  
 C) 65  
 D) 35
15. [MA4EC1 HSLQ\_MA4EC1\_O]

Choose the set of equations that best matches the word problem.

Elizabeth bought 3 bags of bird seed and 1 bag of cat treats. How much did she spend in all?

Pet Food	Cost for One Bag
Dog Food	\$6
Bird Seed	\$4
Cat Treats	\$5

- A)  $3 \times 4 = 12$   
 $12 + 5 = 17$   
 B)  $4 + 5 = 9$   
 $9 + 4 = 13$   
 C)  $2 \times 4 = 8$   
 $9 + 4 = 13$   
 D)  $4 + 5 = 9$   
 $9 + 5 = 14$
16. [MA4EC1 HSLQ\_MA4EC1\_P]

Choose the set of equations that best matches the word problem.

Tim rode his bike 4 miles to the store and 2 miles to the park. He then rode 6 miles back home. How many miles did Tim ride in all?

- A)  $4 + 2 = 6$   
 $6 + 6 = 12$   
 B)  $4 - 2 = 2$   
 $2 + 6 = 8$   
 C)  $4 + 2 = 6$   
 $6 - 2 = 4$   
 D)

$$4 - 2 = 2$$

$$2 \times 6 = 12$$

17. [MA4EC1 HSLQ\_MA4EC1\_Q]

Stone has 12 tickets for the basketball game. He gives 8 tickets to Kiley and 3 tickets to Wyatt. How many tickets does Stone have left?

- A) 2
- B) 0
- C) 1
- D) 3

18. [MA4EC1 HSLQ\_MA4EC1\_R]

Camilla is taking care of Mrs. Hagan's pets. She has \$25 to spend on pet food. If she buys 1 bag of dog food and 2 bags of cat treats, how much money does she have left?

Pet Food	Cost for One Bag
Dog Food	\$6
Bird Seed	\$4
Cat Treats	\$5

- A) \$19
- B) \$15
- C) \$9
- D) \$5

19. [MA4EC1 HSLQ\_MA4EC1\_S]

Sadie has 30 tickets for the carnival. If she rides the bumper cars 1 time and the roller coaster 2 times, how many tickets does she have left?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A) 10
- B) 14
- C) 26
- D) 18

20. [MA4EC1 HSLQ\_MA4EC1\_T]

Penny has 14 tickets. If she rides the giant slide 2 times, how many tickets will she have left?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A) 5
- B) 10
- C) 4
- D) 9

**Questions and Responses**

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**Chapter Test**

Date: 3/5/2021

Subject: Math

Level: 4

Chapter: Problem-Solving #(1399)

1. [MA4EC HSCT\_MA4EC\_01A]

Before a cold front came through, the temperature at the top of Mt. Ganem was 78 °F. The next day, the temperature was 62 °F. How many degrees did the temperature drop?

- A) 140 degrees
- B) 4,836 degrees
- C) 1.3 degrees
- D) 16 degrees

2. [MA4EC HSCT\_MA4EC\_02A]

Seth is reading a long novel. If he reads 55 pages per hour, how many hours will it take him to read 715 pages?

- A) 770 hours
- B) 39,325 hours
- C) 13 hours
- D) 660 hours

3. [MA4EC HSCT\_MA4EC\_03A]

In John's marching band there are 30 people in the saxophone section, 23 in the drumline, and 10 in the tuba section. How many more saxophone players are there than tuba players?

- A) 13 more saxophone players
- B) 40 more saxophone players
- C) 20 more saxophone players
- D) 7 more saxophone players

4. [MA4EC HSCT\_MA4EC\_04A]

Robinson's Doughnut Factory produces 6,000 doughnuts every day. They have a fleet of 5 delivery trucks. If the doughnuts are divided evenly, how many doughnuts will be loaded onto each truck?

- A) 6,005 doughnuts
- B) 5,995 doughnuts
- C) 30,000 doughnuts
- D) 1,200 doughnuts

5. [MA4EC HSCT\_MA4EC\_05A]

The Eagle Club wants to build a chain of 2,736 dominoes. If they have already set up 776 dominoes, how many more do they need to add to meet their goal?

- A) 1,960 more dominoes
- B) 3,512 more dominoes
- C) 3.5 more dominoes
- D) 2,123,136 more dominoes

6. [MA4EC HSCT\_MA4EC\_06A]

The Thousand Islands are located along the border between New York and Canada. The Adventure Club wants to place a stone marker on 660 of the islands. The club has 30 members. If every club member goes to the same number of islands, how many islands will each member have to visit?

- A) 690 islands
- B) 630 islands
- C) 22 islands

- D) 19,800 islands  
7. [MA4EC HSCT\_MA4EC\_07A]

It takes Mrs. Elliot 53 hours to knit a sweater. If she plans to knit sweaters for 9 friends and relatives, how many hours must she spend knitting?

- A) 62 hours  
 B) 477 hours  
 C) 5.9 hours  
 D) 44 hours  
 8. [MA4EC HSCT\_MA4EC\_08A]

The Hutto City Hall can hold 250 people. If there are 145 adults and 58 children in the hall, how many more people can enter the City Hall?

- A) 47 people  
 B) 105 people  
 C) 203 people  
 D) 192 people  
 9. [MA4EC HSCT\_MA4EC\_09A]

Choose the equation that best matches the word problem.

Jess had 84 beads. She used 45 to make a bracelet and the rest to make a necklace. How many beads were used to make the necklace?

- A)  $84 + 45 = 41$   
 B)  $84 + 45 = 39$   
 C)  $84 - 45 = 41$   
 D)  $84 - 45 = 39$   
 10. [MA4EC HSCT\_MA4EC\_10A]

Choose the set of equations that best matches the word problem.

Allie had \$41. She spent \$28 on movie tickets and \$9 on popcorn. How much money does Allie have left?

- A)  $\$28 + \$9 = \$37$   
 $\$41 + \$37 = \$78$   
 B)  $\$41 - \$28 = \$13$   
 $\$13 + \$9 = \$22$   
 C)  $\$28 - \$9 = \$19$   
 $\$41 - \$19 = \$22$   
 D)  $\$28 + \$9 = \$37$   
 $\$41 - \$37 = \$4$   
 11. [MA4EC HSCT\_MA4EC\_11A]

Choose the set of equations that best matches the word problem.

Tickets at the carnival cost \$2 each. If Mason wants to ride the ferris wheel and the bumper cars, how much money will he need?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A)  $4 + 3 = 7$   
 $7 \times 2 = 14$   
 B)  $4 \times 2 = 8$   
 $8 + 3 = 11$   
 C)  $4 - 3 = 1$   
 $2 \times 1 = 2$   
 $3 \times 2 = 6$   
 D)  $6 + 4 = 10$

12. [MA4EC HSCT\_MA4EC\_12A]

Choose the set of equations that best matches the word problem.

Quinn had 13 tickets. If she rides the giant slide and the ferris wheel, how many tickets will she have left?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A)  $3 \times 5 = 15$   
 $13 + 15 = 28$   
 B)  $13 - 3 = 10$   
 $10 + 5 = 15$   
 C)  $3 + 5 = 8$   
 $13 - 8 = 5$   
 $13 - 5 = 8$   
 D)  $8 + 3 = 11$

13. [MA4EC HSCT\_MA4EC\_13A]

Joe rode his bike 5 miles to school and 2 miles to the store. He then rode 7 miles back home. How many miles did Joe ride in all?

- A) 14 miles  
 B) 7 miles  
 C) 9 miles  
 D) 12 miles

14. [MA4EC HSCT\_MA4EC\_14A]

Janie is 46 inches tall. Rachel is 53 inches tall. How much taller is Rachel than Janie?

- A) 17 in.  
 B) 5 in.  
 C) 13 in.  
 D) 7 in.

15. [MA4EC HSCT\_MA4EC\_15A]

Kolbie had 28 crackers. She gave 12 to her brother and ate the rest. How many crackers did Kolbie eat?

- A) 6 crackers  
 B) 10 crackers  
 C) 16 crackers  
 D) 26 crackers

16. [MA4EC HSCT\_MA4EC\_16A]

Choose the equation that best matches the word problem.

Tickets to ride a train cost \$6 each. If the Martin family buys 5 tickets, what will be the total cost?

- A)  $5 + 6 = 11$   
 B)  $5 \times 6 = 30$   
 C)  $5 \times 6 = 56$   
 D)  $5 + 6 = 65$
17. [MA4EC HSCT\_MA4EC\_17A]

Choose the equation that best matches the word problem.

Emory collected 27 shells at the beach. If she divides them equally into 3 buckets, how many shells will be in each bucket?

- A)  $27 \div 3 = 6$   
 B)  $27 \div 3 = 9$   
 C)  $27 - 3 = 24$   
 D)  $27 - 3 = 14$
18. [MA4EC HSCT\_MA4EC\_18A]

Choose the equation that best matches the word problem.

Elliot had 2 packages of paper. Each package contained 350 pieces of paper. How many pieces of paper did Elliot have in all?

- A)  $350 + 350 = 600$   
 B)  $350 \times 1 = 350$   
 C)  $350 + 2 = 352$   
 D)  $350 \times 2 = 700$
19. [MA4EC HSCT\_MA4EC\_19A]

On a trip to Berry Farms, Lindsay picked 36 strawberries, Carly picked 47, and Macy picked 23. How many strawberries did the three friends pick in all?

- A) 59 strawberries  
 B) 83 strawberries  
 C) 106 strawberries  
 D) 70 strawberries
20. [MA4EC HSCT\_MA4EC\_20A]

Micah was carrying three boxes. One box weighed 13 pounds, one weighed 20 pounds, and the other weighed 17 pounds. How many pounds was Micah carrying in all?

- A) 33 pounds  
 B) 50 pounds  
 C) 37 pounds  
 D) 30 pounds
21. [MA4EC HSCT\_MA4EC\_01B]

John played a note on his tuba that vibrated the air 70 times per second. If he played the note for 5 seconds, how many times did the air vibrate?

- A) 75 times  
 B) 350 times  
 C) 14 times  
 D) 65 times
22. [MA4EC HSCT\_MA4EC\_02B]

To prepare for a New Year's Day parade, John practiced marching and playing his tuba for 25 minutes. He took a break and then practiced 25 more minutes. How many minutes did John practice in all?

- A) 50 minutes  
 B) 0 minutes  
 C) 1 minute  
 D) 625 minutes
23. [MA4EC HSCT\_MA4EC\_03B]

A Coast redwood tree grows 5 feet every year. How many feet will it grow in 11 years?

- A) 2.2 feet
- B) 6 feet
- C) 16 feet
- D) 55 feet

24. [MA4EC HSCT\_MA4EC\_04B]

A train contains 66 freight cars. At the next station, 33 freight cars are added to the train. How many freight cars are there when the train leaves the station?

- A) 33 freight cars
- B) 99 freight cars
- C) 2 freight cars
- D) 2,178 freight cars

25. [MA4EC HSCT\_MA4EC\_05B]

John played a note on his tuba that vibrated the air 110 times per second. If he played the note for 5 seconds, how many times did the air vibrate?

- A) 550 times
- B) 115 times
- C) 22 times
- D) 105 times

26. [MA4EC HSCT\_MA4EC\_06B]

Les had \$23.00 when he went to the City Market to buy some fresh fruits and vegetables. When he left, he had \$14.10. How much money did he spend on food?

- A) \$37.10
- B) \$1.63
- C) \$8.90
- D) \$324.30

27. [MA4EC HSCT\_MA4EC\_07B]

In John's marching band there are 31 people in the saxophone section, 18 in the drumline, and 10 in the tuba section. How many more saxophone players are there than tuba players?

- A) 41 more saxophone players
- B) 28 more saxophone players
- C) 13 more saxophone players
- D) 21 more saxophone players

28. [MA4EC HSCT\_MA4EC\_08B]

The Georgetown City Hall can hold 345 people. If there are 120 adults and 75 children in the hall, how many more people can enter the City Hall?

- A) 225 people
- B) 195 people
- C) 150 people
- D) 270 people

29. [MA4EC HSCT\_MA4EC\_09B]

Choose the equation that best matches the word problem.

Kristin had 92 beads. She used 38 to make a bracelet and the rest to make a necklace. How many beads were used to make the necklace?

- A)  $92 - 38 = 54$
- B)  $92 + 38 = 54$
- C)  $92 - 38 = 68$
- D)  $92 + 38 = 68$

30. [MA4EC HSCT\_MA4EC\_10B]

Choose the set of equations that best matches the word problem.

Cole had \$47. He spent \$32 on movie tickets and \$12 on popcorn. How much money does Cole have left?

- A)  $\$32 - \$12 = \$20$   
 $\$47 - \$20 = \$27$
- B)  $\$47 - \$12 = \$35$   
 $\$35 + \$32 = \$67$
- C)  $\$32 + \$12 = \$44$   
 $\$47 - \$44 = \$3$
- D)  $\$47 - \$32 = \$15$   
 $\$15 + \$12 = \$27$

31. [MA4EC HSCT\_MA4EC\_11B]

Choose the set of equations that best matches the word problem.

Tickets at the carnival cost \$2 each. If Mason wants to ride the ferris wheel and the roller coaster, how much money will he need?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A)  $3 + 8 = 11$   
 $11 + 2 = 13$
- B)  $3 + 8 = 11$   
 $11 \times 2 = 22$
- C)  $3 \times 8 = 24$   
 $24 \times 2 = 48$
- D)  $3 \times 8 = 24$   
 $24 + 2 = 26$

32. [MA4EC HSCT\_MA4EC\_12B]

Choose the set of equations that best matches the word problem.

Alicia had 19 tickets. If she rides the giant slide and the roller coaster, how many tickets will she have left?

Ride	Tickets Needed
Bumper Cars	4
Ferris Wheel	3
Giant Slide	5
Roller Coaster	8

- A)  $4 + 5 = 9$   
 $19 - 9 = 10$
- B)

- $19 - 8 = 11$   
 $11 - 3 = 8$   
 $19 - 5 = 14$   
 C)  $14 - 4 = 10$   
 D)  $5 + 8 = 13$   
 $19 - 13 = 6$

33. [MA4EC HSCT\_MA4EC\_13B]

Efram rode his bike 6 miles to the store and 3 miles to the park. He then rode 9 miles back home. How many miles did Efram ride in all?

- A) 9 miles  
 B) 18 miles  
 C) 12 miles  
 D) 15 miles

34. [MA4EC HSCT\_MA4EC\_14B]

Marcus is 48 inches tall. C.J. is 54 inches tall. How much taller is C.J. than Marcus?

- A) 4 in.  
 B) 14 in.  
 C) 2 in.  
 D) 6 in.

35. [MA4EC HSCT\_MA4EC\_15B]

Stefanie had 15 peanuts. She gave 7 to her brother and ate the rest. How many peanuts did Stefanie eat?

- A) 8 peanuts  
 B) 7 peanuts  
 C) 12 peanuts  
 D) 2 peanuts

36. [MA4EC HSCT\_MA4EC\_16B]

Choose the equation that best matches the word problem.

Tickets to ride a train cost \$4 each. If the Martin family buys 7 tickets, what will be the total cost?

- A)  $7 \times 4 = 28$   
 B)  $7 \times 4 = 47$   
 C)  $7 + 4 = 28$   
 D)  $7 + 4 = 47$

37. [MA4EC HSCT\_MA4EC\_17B]

Choose the equation that best matches the word problem.

Alyson collected 45 shells at the beach. If she divides them equally into 5 buckets, how many shells will be in each bucket?

- A)  $45 - 5 = 25$   
 B)  $45 - 5 = 40$   
 C)  $45 \div 5 = 8$   
 D)  $45 \div 5 = 9$

38. [MA4EC HSCT\_MA4EC\_18B]

Choose the equation that best matches the word problem.

Malory had 3 packages of paper. Each package contained 100 pieces of paper. How many pieces of paper did Malory have in all?

- A)  $100 \times 3 = 300$   
 B)  $100 + 3 = 103$   
 C)  $100 \times 3 = 103$   
 D)  $100 + 3 = 130$

39. [MA4EC HSCT\_MA4EC\_19B]

On a trip to Berry Farms, Lindsay picked 42 strawberries, Carly

picked 34, and Macy picked 19. How many strawberries did the three friends pick in all?

- A) 95 strawberries
- B) 76 strawberries
- C) 53 strawberries
- D) 61 strawberries

40. [MA4EC HSCT\_MA4EC\_20B]

Derek was carrying three boxes. One box weighed 11 pounds, one weighed 24 pounds, and the other weighed 30 pounds. How many pounds was Derek carrying in all?

- A) 54 pounds
- B) 35 pounds
- C) 65 pounds
- D) 41 pounds