

## Saturday Review Worksheet 05/24

1. Find the product. Write your answer as a decimal.

$$-3.1(4.5) = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: End Quiz (1 - 8)> Question #1

2. Evaluate the expression  $3.8 - |-8.3 - 2.3|$ .

$$3.8 - |-8.3 - 2.3| = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: End Quiz (1 - 8)> Question #6

3. Find the sum. Write your answer in simplest form as a fraction or mixed number.

$$-\frac{7}{4} + \frac{5}{8} = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: Mid Quiz (1 - 11)> Question #1

4. Find the sum. Write your answer as a decimal.

$$-7.33 + (-7.6) = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: Mid Quiz (1 - 11)> Question #2

5. Find the sum. Write your answer in simplest form.

$$-\frac{5}{2} + \frac{5}{2} = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: Chapter Test (1 - 18)

6. Find the difference. Write your answer as a decimal.

$$-6.82 - (-8.88) = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: Chapter Test (1 - 18)> Question #5

7. Find the product. Write your answer as a fraction or a mixed number in simplest form.

$$-1\frac{1}{2} \cdot \left(-1\frac{4}{5}\right) = \square$$

Grade 6 Accel: FL 2023>Chapter 5>Chapter 5: Chapter Test (1 - 18)> Question #7

8. Factor the expression  $8x + 12$  using the GCF.

$$8x + 12 = \square$$

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #9

9. Factor the expression  $30x + 40$  using the GCF.

$$30x + 40 = \square$$

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #13

10. Find the sum.

$$\left(\frac{5}{8}x - 3\right) + \left(\frac{1}{4}x - 11\right) = \square$$

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #4

11. Find the sum.

$$\left(\frac{3}{8}x - 8\right) + \left(\frac{3}{8}x - 3\right) = \square$$

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #8

12. Find the difference.

$$\left(\frac{7}{8}x - 8\right) - \left(\frac{1}{8}x - 12\right) = \square$$

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #9

13. Simplify  $\frac{1}{6}(12x - 30) + 4x$ .

$$\frac{1}{6}(12x - 30) + 4x = \square$$

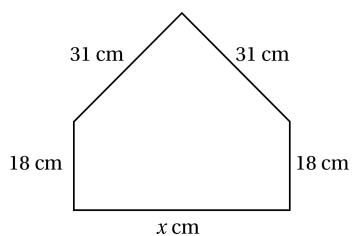
Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #10

14. Are the expressions  $4\left(\frac{3}{4}x - 2\right)$  and  $\frac{4}{3}(3x - 2) - x$  equivalent?

- ☐ Yes, both simplify to  $3x - 8$ .  
☐ Yes, both simplify to  $4x - 8$ .  
☐ No, one simplifies to  $3x - 8$  and the other to  $4x - 8$ .  
☐ No, one simplifies to  $3x - 2$  and the other to  $4x - 8$ .

Grade 6 Accel: FL 2023>Chapter 6>Chapter 6: Chapter Test (1 - 19)> Question #12

15. The perimeter of the figure is 141 centimeters. Solve for  $x$ .



$$x = \square$$

Grade 6 Accel: FL 2023>Chapter 7>Chapter 7: Mid Quiz (1 - 10)> Question #9

16. Solve the equation.

$$3n = -27$$

$$n = \square$$

Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Mid Quiz (1 - 10)&gt; Question #7

17. Write the word sentence as an equation.

The product of a number  $n$  and 8 is 16.An equation is  $\square$ .

Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Chapter Test (1 - 17)&gt; Question #1

18. Solve
- $10 = \frac{5m}{4}$
- .

$$m = \square$$

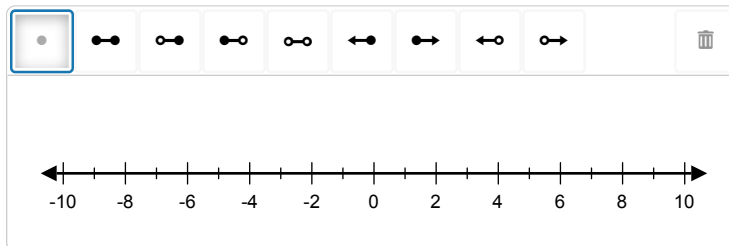
Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Mid Quiz (1 - 10)&gt; Question #6

19. Solve
- $x + 15 = 16$
- .

The solution is  $x = \square$ .

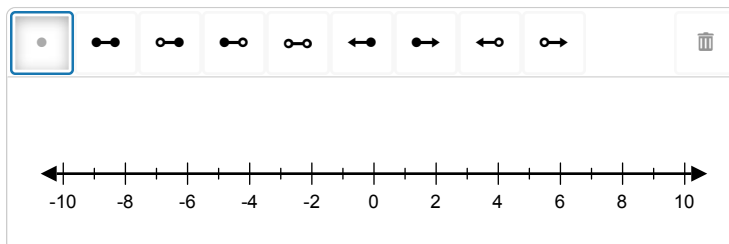
Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Chapter Test (1 - 17)&gt; Question #5

20. Graph the solution of
- $x - 7 \geq 2$
- .



Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Chapter Test (1 - 17)&gt; Question #7

21. Graph the solution of
- $x - 6 > 3$
- .



Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Chapter Test (1 - 17)&gt; Question #12

22. Solve
- $15 = \frac{3p}{6}$
- .

$$p = \square$$

Grade 6 Accel: FL 2023&gt;Chapter 7&gt;Chapter 7: Chapter Test (1 - 17)&gt; Question #7

23. Tell whether  $x = -4$  is a solution of  $16 = -8x$ .

yes

no

Grade 6 Accel: FL 2023>Chapter 7>Chapter 7: Chapter Test (1 - 17)

24. Solve  $x - 15 = -3$ .

The solution is  $x = \square$ .

Grade 6 Accel: FL 2023>Chapter 7>Chapter 7: Chapter Test (1 - 17)> Question #6

25. Write the word sentence as an inequality.

A number  $q$  minus 8 is less than 14.

An inequality is  $\square$ .

Grade 6 Accel: FL 2023>Chapter 7>Chapter 7: Chapter Test (1 - 17)> Question #2

26. Complete the statement.

90 mm =  $\square$  cm

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: End Quiz (1 - 8)> Question #4

27. You run 20 laps in 6 minutes. Your friend runs 30 laps in 9 minutes. Are the rates equivalent?

☐ yes

☐ no

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: End Quiz (1 - 8)> Question #6

28. Solve the proportion.

$$\frac{x}{9} = \frac{12}{27}$$

$x = \square$

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: End Quiz (1 - 8)> Question #5

29. Write a unit rate for the situation.

**Situation:** 20 bracelets in 5 hours

**Unit rate:**  $\square$  bracelets per hour

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: Chapter Test (1 - 15)> Question #5

30. You earn \$35 for washing 5 cars. How much do you earn for washing 3 cars?

You earn \$ $\square$  for washing 3 cars.

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: Chapter Test (1 - 15)> Question #6

31. Complete the ratio tables.

Soup A			Soup B		
Sodium (grams)	3	<input type="text"/>	Sodium (grams)	9	<input type="text"/>
Soup (cups)	13	130	Soup (cups)	10	130

Which soup has more sodium per cup?

☐ Soup A

☐ Soup B

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: Chapter Test (1 - 15)> Question #4

32. Solve the proportion.

$\frac{2}{7} = \frac{14}{x}$

$x =$

Grade 6 Accel: FL 2023>Chapter 8>Chapter 8: Chapter Test (1 - 15)> Question #9

33. Find the selling price of a \$20 item after a 20% markup.

The selling price is \$ .

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: End Quiz (1 - 10)> Question #6

34. Write the decimal as a percent.

$0.02 =$   %

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Mid Quiz (1 - 10)> Question #2

35. Write  $\frac{1}{20}$  as a percent.

$\frac{1}{20} =$   %

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Mid Quiz (1 - 10)> Question #3

36. Write the percent as a decimal.

$15\% =$

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #1

37. Write  $\frac{3}{20}$  as a percent.

$\frac{3}{20} =$   %

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #3

38. What number is 86% of 50?

is 86% of 50.

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #5

39. What number is 58% of 50?

is 58% of 50.

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #5

40. 25% of what number is 39?

25% of  is 39.

Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #6

41. 10% of what number is 13?

10% of  is 13.

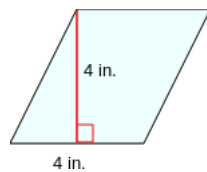
Grade 6 Accel: FL 2023>Chapter 9>Chapter 9: Chapter Test (1 - 22)> Question #6

42. Find the original price of a salt lamp that is \$76 after a 20% discount.

\$

Grade 7: MRL>Chapter 6>Practice Test> Question #13

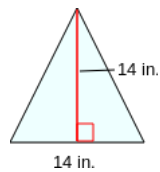
43. Find the area of the parallelogram.



$A = \square \text{ in.}^2$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Mid Quiz (1 - 6)> Question #1

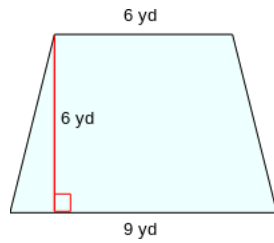
44. Find the area of the triangle.



$A = \square \text{ in.}^2$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Mid Quiz (1 - 6)> Question #2

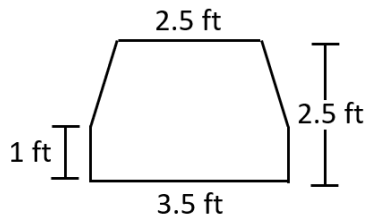
45. Find the area of the trapezoid.



$$A = \square \text{ yd}^2$$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Mid Quiz (1 - 6)> Question #4

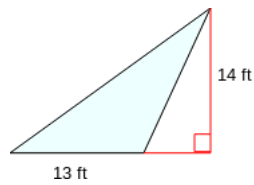
46. A worker charges \$70 per square foot to install windows. How much does it cost to install the window shown?



$$\text{\$} \square$$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Mid Quiz (1 - 6)> Question #5

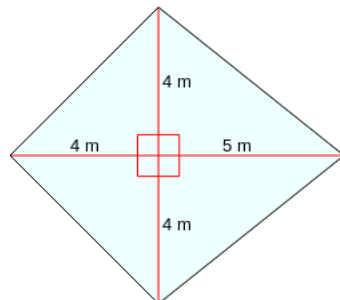
47. Find the area of the triangle.



$$A = \square \text{ ft}^2$$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Chapter Test (1 - 15)> Question #2

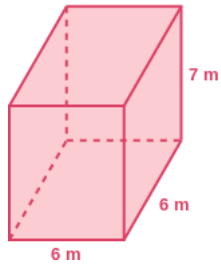
48. Find the area of the kite.



$$A = \square \text{ m}^2$$

Grade 6 Accel: FL 2023>Chapter 10>Chapter 10: Chapter Test (1 - 15)> Question #3

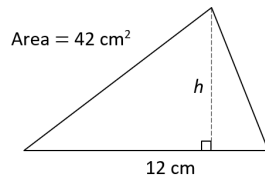
49. Find the surface area of the rectangular prism.



$$S = \square \text{ m}^2$$

Grade 6: MRL>Chapter 7>Practice Test> Question #7

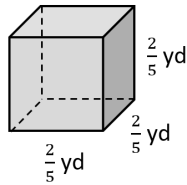
50. Find the height of the triangle.



$$\square \text{ cm}$$

Grade 6: MRL>Chapter 7>Practice Test> Question #5

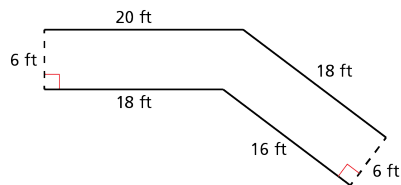
51. Find the volume of the rectangular prism. Write your answer as a fraction.



$$\square \text{ yd}^3$$

Grade 6: MRL>Chapter 7>Chapter Test> Question #10

52. The owner of a sports complex wants to carpet a hallway connecting two buildings. The carpet costs \$2.50 per square foot. How much does it cost to carpet the hallway?



$$\text{\$} \square$$

Grade 6: MRL>Chapter 7>Chapter Test> Question #13

53. Find the range of the data.

53, 8, 90, 78, 37

range =

Grade 6 Accel: FL 2023>Chapter 11>Chapter 11: Mid Quiz (1 - 8)> Question #5

54. Find the interquartile range of the data.

20, 29, 17, 25, 19, 25, 23, 20, 25, 11, 12

IQR =

Grade 6 Accel: FL 2023>Chapter 11>Chapter 11: Mid Quiz (1 - 8)> Question #6

55. Identify the outlier in the data set.

88, 82, 88, 89, 84, 138, 83, 81, 83, 89, 86, 89

The outlier is .

Grade 6 Accel: FL 2023>Chapter 11>Chapter 11: Chapter Test (1 - 13)> Question #6

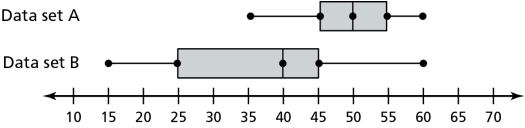
56. The table shows the gas mileages of several vehicles made by a company.

Mileage (miles per gallon)					
19	27	19	22	20	23
23	30	15	30	34	18
15	24	16	23	26	16
22	15	17	28	23	30
15	28	25	15	19	17

The  the most appropriate measure(s) to describe the center. The  the most appropriate measure(s) to describe the variation.

Grade 6 Accel: FL 2023>Chapter 11>Chapter 11: Chapter Test (1 - 13)

57. Two data sets contain an equal number of values. The double box-and-whisker plot represents the values in the data sets. Compare the data sets using measures of center and variation.



- ☐ Data set A has a greater measure of center, and Data set A has a greater measure of variation.
- ☐ Data set A has a greater measure of center, and Data set B has a greater measure of variation.
- ☐ Data set B has a greater measure of center, and Data set A has a greater measure of variation.
- ☐ Data set B has a greater measure of center, and Data set B has a greater measure of variation.

Grade 6 Accel: FL 2023>Chapter 12>Chapter 12: End Quiz (1 - 4)> Question #1













