

Evaluate each expression.

1. $5.983 + 2.99$	2. $224 - 56.73$	3. $6.12 - 4.923$
4. $24.5 \cdot 3.2$	5. $0.23 \cdot 7$	6. $3.86 \cdot 9.15$
7. $14.8 \div 5$	8. $46.3 \div 1.5$	9. $147 \div 2.25$
10. $24.33 - 2.5 \cdot 7$	11. $3.9 + 4.5^2$	12. $9.25(18.4 - 2 \cdot 1.2)$

Solve each word problem, showing all work.

13. Jeff had \$46.18 in his wallet Monday morning. He gave half of his money to his brother. He then bought two donuts for \$0.75 each and a cup of coffee for \$2.99. How much money did Jeff have left?

14. Five friends split a \$65.20 bill at a restaurant. They also each left \$2.75 for the tip. How much money did each person pay in all?

Evaluate each expression.

15. $\frac{4}{5} + \frac{3}{4}$	16. $4\frac{2}{7} + 2\frac{9}{14}$	17. $8\frac{11}{12} + 9\frac{5}{18}$
18. $6 - \frac{3}{8}$	19. $8\frac{3}{5} - 2\frac{1}{3}$	20. $4\frac{1}{6} - \frac{8}{9}$
21. $\frac{4}{25} \cdot \frac{15}{16}$	22. $2\frac{3}{4} \cdot 8$	23. $6\frac{5}{8} \cdot 3\frac{1}{2}$
24. $\frac{7}{9} \div \frac{2}{3}$	25. $\frac{4}{5} \div 10$	26. $5\frac{2}{3} \div 2\frac{5}{6}$

Solve each word problem, showing all work.

27. Jaimie ran $3\frac{1}{2}$ miles on Monday. She ran half as far on Tuesday as she did on Monday. How far did Jaimie run in all on Monday and Tuesday?

28. A $5\frac{1}{2}$ quart pot is filled $\frac{2}{3}$ of the way with water. How many more quarts of water can the pot hold?

Write each ratio in 3 ways.

29. A bank contains 15 pennies and 12 nickels. Write the ratio of nickels to pennies.	30. A bowl contains 6 apples and some bananas. If there are a total of 10 pieces of fruit, find the ratio of apples to bananas.
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Convert each rate to a unit rate.

31. \$4.25 for 64 fluid ounces	32. 297 miles on 11 gallons of gas	33. 124 feet in 10 seconds
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Complete the chart by converting each number to a percent, fraction, and/or decimal.

Fraction	Decimal	Percent
34. $\frac{3}{8}$		
35.	0.45	
36.		72%
37.	0.1	
38. $\frac{3}{200}$		

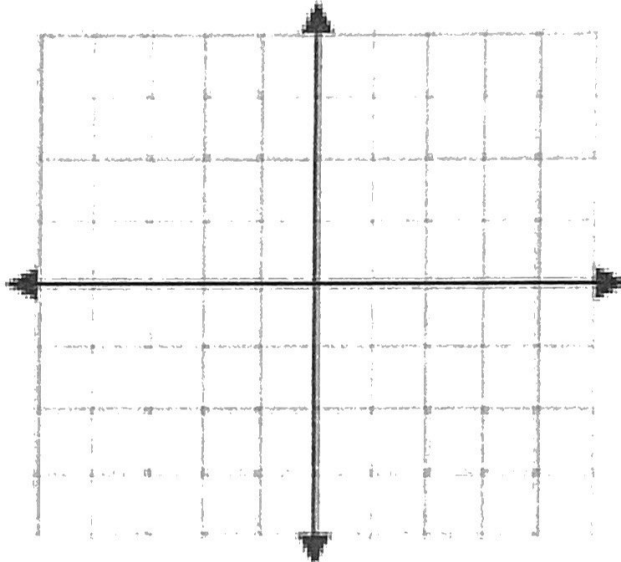
Find each percent of a number.

39. 30% of 90	40. 15% of 38	41. 50% of 86
42. 75% of 160	43. 24% of 35	44. 2% of 74

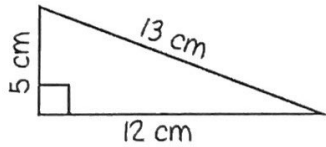
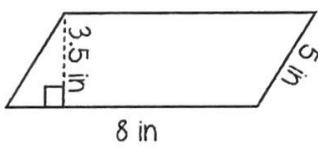
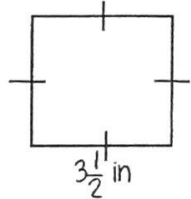
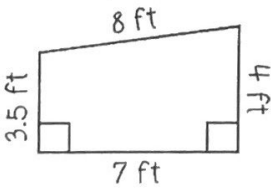
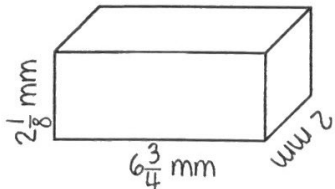
Compare the integers with $<$, $>$, or $=$.

45. $-4 \bigcirc -5$	46. $2 \bigcirc -2$	47. $ -5 \bigcirc 5 $	48. $-7 \bigcirc 6$	49. $-13 \bigcirc -9$
50. $ -7 \bigcirc -6$	51. $-17 \bigcirc -14$	52. $ -3 \bigcirc -2 $	53. $0 \bigcirc -6$	54. $ -4 \bigcirc 6 $

Graph and label each of the ordered pairs in the coordinate plane. Then state the quadrant or axis in/on which the point is located.

55. A(2, 4)	56. B(0, -3)	
57. C(1, -1)	58. D(3, 3)	
59. E(-4, 1)	60. F(2, 0)	
61. G(-3, -2)	62. H(-2, 3)	
63. I(0, 2)	64. J(-1, -4)	

Find the perimeter, area, and/or volume of the given figure.

<p>65. Find the perimeter & area:</p> 	<p>66. Find the perimeter & area:</p> 	<p>67. Find the perimeter & area:</p> 
<p>68. Find the perimeter & area:</p> 	<p>69. Find the area of a square with a perimeter of 45 cm</p>	<p>70. Find the volume:</p> 

Integers

Fill in the operator ($<$, $>$ or $=$) that makes the statement true.

1 $19 \underline{\hspace{1cm}} 5$

2 $-3 \underline{\hspace{1cm}} 3$

3 $0 \underline{\hspace{1cm}} -12$

4 $-7 \underline{\hspace{1cm}} -7$

5 $-22 \underline{\hspace{1cm}} -48$

Find the number equivalent to the following absolute values.

6 $|6|$

7 $|-5|$

8 $|0|$

9 $-|2|$

10 $-|-8|$

Find the opposite of each number.

11 9

12 -34

13 0

14 -5.1

15 $\frac{3}{7}$

Write TRUE or FALSE for each statement.

16 $|-8| > 0$

17 $|-2| = 2$

18 $|-6| < |-5|$

19 $3 < -(-4)$

20 $-|-9| > -|-15|$

**YOU MUST PRACTICE YOUR INTEGER OPERATIONS (ADDITION,
SUBTRACTION, MULTIPLICATION, DIVISION) -memorize the rules!**

Add.

1. $9 + 16$

2. $-10 + (-10)$

3. $18 + (-26)$

4. $-23 + (-15)$

5. $-45 + 35$

6. $39 + (-38)$

7. $-55 + 81$

8. $-61 + (-39)$

9. $-74 + 36$

10. $5 + (-4) + 8$

11. $-3 + 10 + (-6)$

12. $-13 + (-8) + (-12)$

13. $3 + (-10) + (-16) + 11$

14. $-17 + 31 + (-14) + 26$

Subtract.

1. $-3 - 4$

2. $5 - (-2)$

3. $-10 - 8$

4. $-15 - (-12)$

5. $-23 - (-28)$

6. $16 - 9$

7. $9 - 16$

8. $-21 - 16$

9. $28 - 37$

10. $-34 - (-46)$

11. $65 - (-6)$

12. $19 - |29|$

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Multiply or divide.

1. $8(-8)$

2. $-3(-7)$

3. $-9(4)$

4. $12(8)$

5. $33 \div (-3)$

6. $-25 \div 5$

7. $48 \div 4$

8. $-63 \div (-7)$

9. $(-4)^2$

10. $\frac{-75}{15}$

11. $-6(3)(-5)$

12. $\frac{-143}{-13}$

Evaluate each expression if $a = -7$, $b = -3$, and $c = 5$.

13. $a - 8$

14. $20 - b$

15. $a - c$

16. $c - b$

17. $b - a - c$

18. $c - b - a$

Evaluate each expression if $x = 4$ and $y = -3$.

15. $11 + y$

16. $x + (-6)$

17. $y + 2$

18. $|x + y|$

19. $|x| + y$

20. $x + |y|$

Evaluate each expression if $a = -1$, $b = 4$, and $c = -7$.

13. $3c + b$

14. $a(b + c)$

15. $c^2 - 5b$

16. $\frac{a - 6}{c}$