

**Evaluate each expression.**

1)  $3 - -1 - 2 \cdot -1$

2)  $(15 \cdot 2) \div -5 \cdot -5$

**Evaluate each using the values given.**

3)  $a - (b - c)$ ; use  $a = -6$ ,  $b = -4$ , and  $c = 4$

4)  $a(a - b)$ ; use  $a = -6$ , and  $b = 2$

**Write each as an algebraic expression.**

5) 21 minus  $z$

6)  $c$  decreased by 10

7) the quotient of 96 and 8

8) 11 increased by  $k$

**Evaluate each expression.**

9)  $\frac{6}{5} - -\frac{1}{2}$

10)  $\frac{1}{2} - \frac{3}{4}$

11)  $-\frac{3}{4} - -\frac{1}{5}$

12)  $2 - \frac{6}{5}$

13)  $-\frac{1}{4} \cdot \frac{8}{5}$

14)  $-\frac{2}{3} \cdot \frac{3}{2}$

15)  $\frac{-1}{6} \div \frac{-5}{3}$

16)  $\frac{-10}{9} \div -2$

**Solve each equation.**

17)  $0 = \frac{v+3}{1}$

18)  $-7 = -8 + \frac{a}{-9}$

19)  $\frac{1+p}{9} = -1$

20)  $-2n - 3 - 3 = -8$

21)  $8(7 - 3x) = -8 - 8x$

22)  $-\frac{41}{12} = -\frac{5}{3} - \frac{7}{2}x$

**Round each to the place indicated.**

23) 9.9606; hundredths

24) 8.36199; ten-thousandths

**Solve each of the following word problems by any method. Show all of your work. Answer each question in a full sentence.**

25) Beth took a trip to Oman. Upon leaving she decided to convert all of her Rials back into dollars. How many dollars did she receive if she exchanged 75 Rials at a rate of \$3 = 1 Rial?

26) Krystal enlarged the size of a triangle to a height of 70 in. What is the new width if it was originally 7 in tall and 8 in wide?

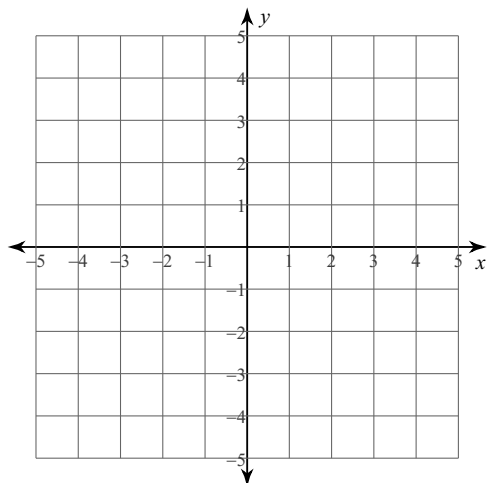
27) On Tuesday Asanji bought seven posters. On Wednesday half of all the posters that he had were destroyed. On Thursday there were only 22 left. How many did he have on Monday?

28) Kristin won 93 super bouncy balls playing hoops at the county fair. At school she gave three to every student in her math class. She only has 3 remaining. How many students are in her class?

**For number 29: Plot each point and label it with the correct letter.**

**For number 30: State the coordinates of each point and label it with the correct letter.**

29)  $A(2, 4)$      $B(2, 3)$      $C(-4, 0)$   
 $D(-3, 5)$      $E(-2, -1)$



30)

