

Summer Pre-Algebra Review BONUS**Evaluate each expression.**

1) $5 \times -1 - 6 + 1$

Evaluate each using the values given.

2) $n + 1 + n - m$; use $m = -5$, and $n = 4$

Evaluate each expression.

3) $\frac{27}{6 - (10 - 7) \cdot 5}$

Evaluate each using the values given.

4) $(p - p + q - 8) \div 4$; use $p = 7$, and $q = 4$

Simplify each expression.

5) $1 - 9n - 6n$

6) $14k + 6k$

7) $-4(2 + 9k)$

8) $4(8 - 4r) + 4$

Solve each equation.

9) $-18 = -3k$

10) $-15 = \frac{m}{29}$

11) $-2 + x = -5$

12) $0 = m + (-5)$

Solve each proportion.

13) $\frac{n}{9} = \frac{7}{2}$

14) $\frac{6}{n} = \frac{5}{9}$

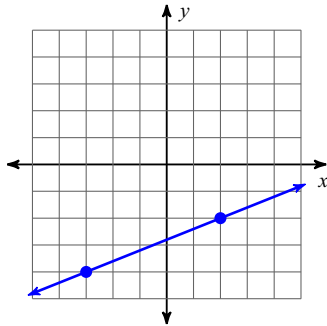
Solve each equation.

15) $2 = \frac{-7 + x}{4}$

16) $-5 = -7 + \frac{b}{4}$

Find the slope of each line.

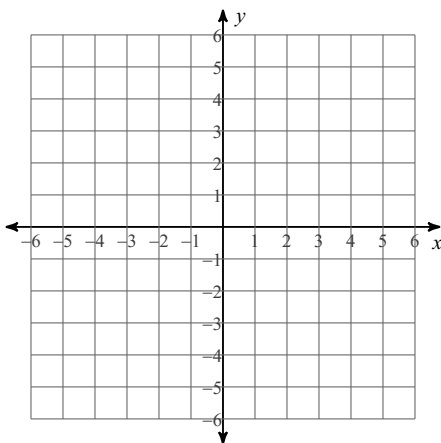
17)



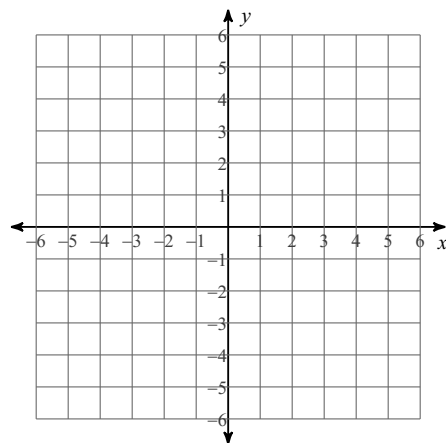
18) $y = 7x + 2$

Sketch the graph of each line.

19) $y = -\frac{8}{5}x + 4$

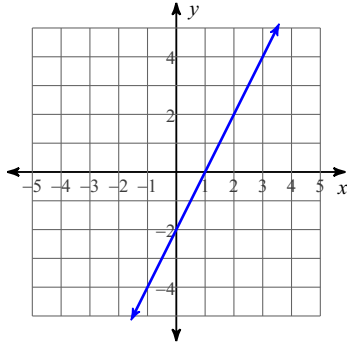


20) $y = \frac{1}{2}x + 1$

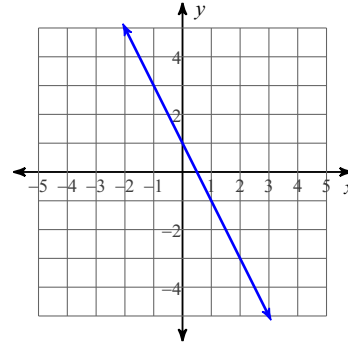


Write the slope-intercept form of the equation of each line.

21)



22)



Solve each problem.

23) What percent of 101 is 101?

24) 63% of 149.7 is what?

25) 70 is 9% of what?

Find the selling price of each item.

26) Original price of a book: \$75.50
Discount: 15%