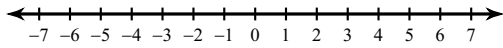


Assignment 3

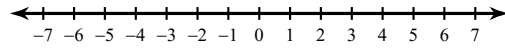
Date _____ Period _____

Draw a graph for each inequality.

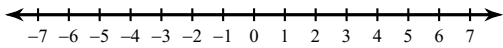
1) $x < 3$



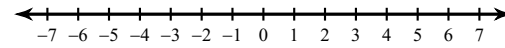
2) $a \geq 2$



3) $n > -1$



4) $x \leq -2$

**Evaluate each expression.**

5) $6 - (6 - (2 - 1))$

6) $(5 + 3 + 2) \cdot 2$

7) $3 + 1^3 + 6$

8) $6 - 2 + 6 - 5$

9) $6 \div 6 + 5 \cdot 3$

10) $(7 - (2 - 1)) \div 6$

Solve each equation.

11) $-10v = -50$

12) $-9m = 153$

13) $-9 + m = 0$

14) $-3 = p - 13$

15) $10 = \frac{r}{19}$

16) $0 = -9x$

17) $-2p - 2p = 24$

18) $4 + 2b + 8 = 0$

19) $-6(6 - 5m) = -246$

20) $3(-2 + 5n) = -126$

21) $-k - 8k = -7 - 8k$

22) $x + 7 = 14 + 2x$

23) $5m - (m - 4) = 40 - 2m$

24) $-5(2p + 2) = -14 - 6p$

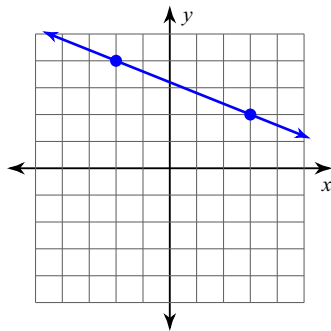
Find the slope of the line through each pair of points.

25) $(-4, -1), (-17, 7)$

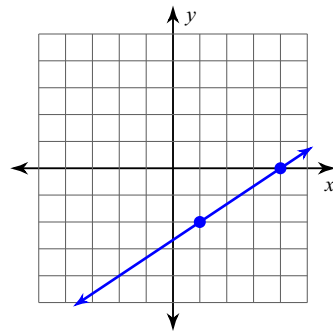
26) $(-7, 0), (16, -2)$

Find the slope of each line.

27)

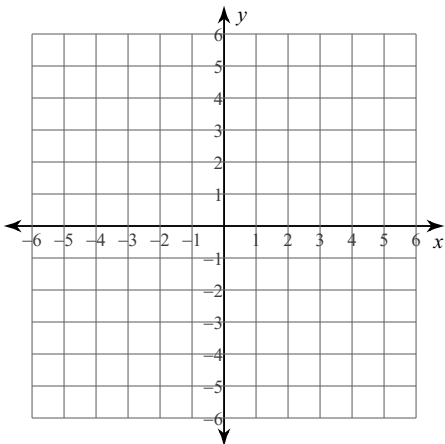


28)



Sketch the graph of each line.

29) $4x - 3y = 0$



30) $y = x - 2$

