

Assignment

Date _____ Period _____

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

1) $(-14, 17), (8, 4)$

2) $(3, 2), (5, 0)$

3) $(-19, 10), (-2, 9)$

4) $(-15, 8), (19, -18)$

Find the slope of each line.

5) $y = -\frac{1}{3}x$

6) $y = -2x - 4$

7) $y = x - 4$

8) $y = -3x + 4$

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

9) Slope = $\frac{1}{2}$, y-intercept = -1

10) Slope = 0 , y-intercept = -1

11) Slope = -1 , y-intercept = -1

12) Slope = 6 , y-intercept = -3

Write the point-slope form of the equation of the line through the given points.

13) through: $(0, -4)$ and $(1, -3)$

14) through: $(-1, -2)$ and $(-2, -4)$

15) through: $(-4, 0)$ and $(0, 5)$

16) through: $(-4, -1)$ and $(0, -5)$

Write the slope-intercept form of the equation of the line through the given points.

17) through: $(0, -4)$ and $(3, -2)$

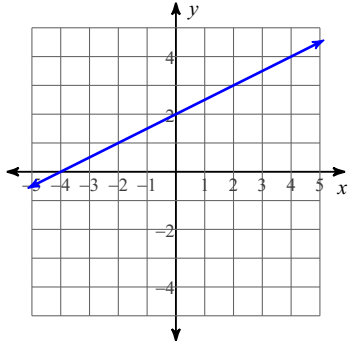
18) through: $(-2, -1)$ and $(2, -2)$

19) through: $(0, -2)$ and $(-1, 3)$

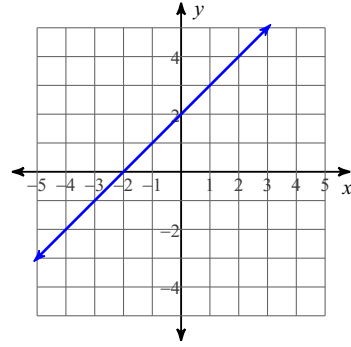
20) through: $(1, -2)$ and $(-1, 3)$

Write the slope-intercept form and point slope form of the linear equation for each line.

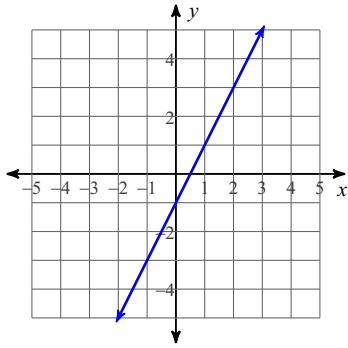
21)



22)



23)



24)

