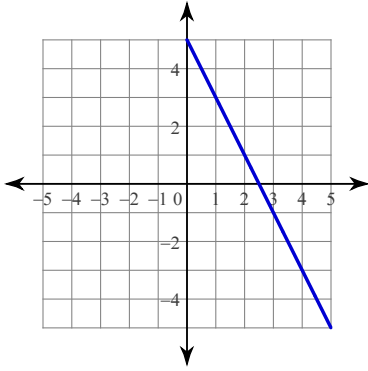


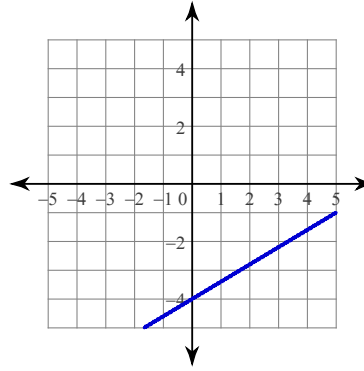
Linear Functions Practice

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

1)



2)



3) $4x = y$

4) $x - 6 - 3y = 0$

5) $6x = 8 + 4y$

6) $-10x - 6 = 6y$

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

7) through: $(-1, 3)$, slope = -5

8) through: $(-5, 4)$, slope = $-\frac{2}{5}$

9) through: $(3, -1)$, slope = $-\frac{2}{3}$

10) through: $(-3, 2)$, slope = $\frac{1}{3}$

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

11) through: $(1, 5)$ and $(3, -1)$

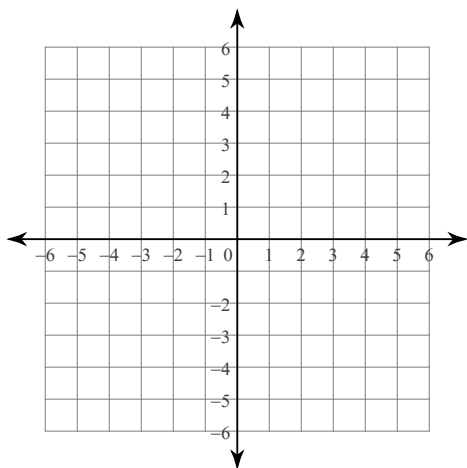
12) through: $(-3, -5)$ and $(4, -5)$

13) through: $(3, 2)$ and $(-5, 5)$

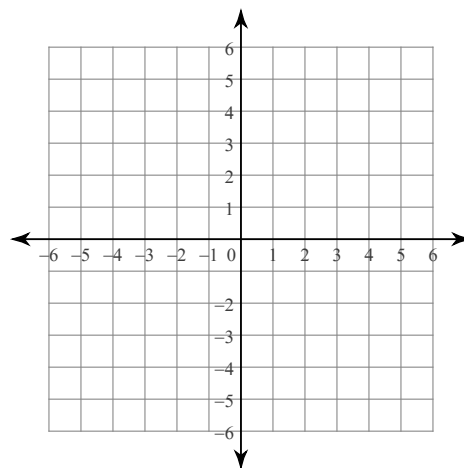
14) through: $(4, 4)$ and $(-2, 3)$

Sketch the graph of each line.

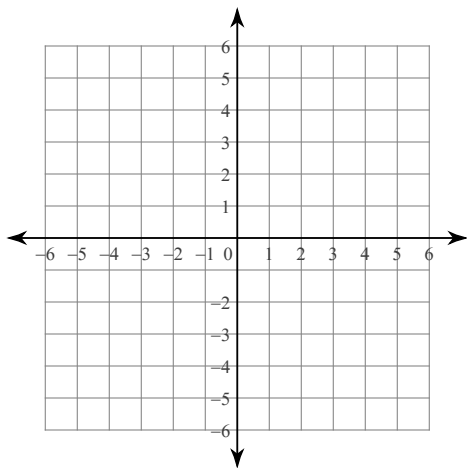
15) $y = -\frac{2}{5}x + 3$



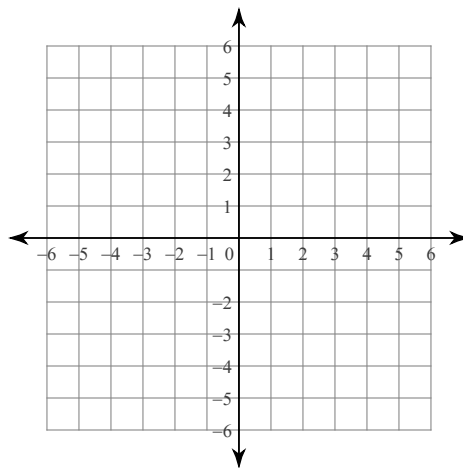
16) $y = \frac{7}{3}x - 3$



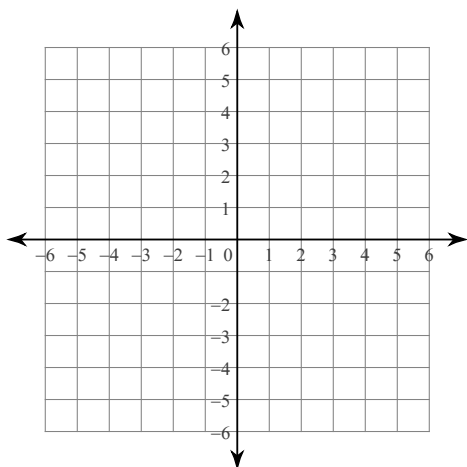
17) $6x + y = -2$



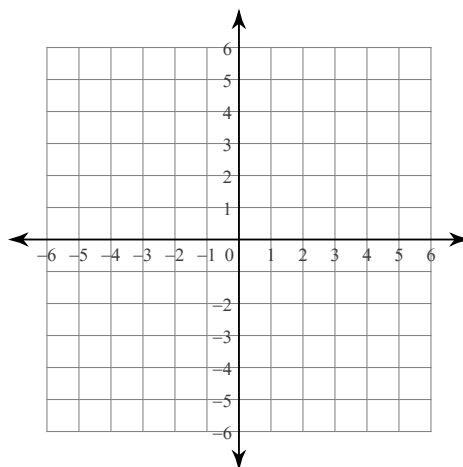
18) $x - y = 0$



19) $-y + 2 = 7x$



20) $7x = 2y - 6$



Answers to Linear Functions Practice (ID: 1)

1) $y = -2x + 5$

2) $y = \frac{3}{5}x - 4$

3) $y = 4x$

4) $y = \frac{1}{3}x - 2$

5) $y = \frac{3}{2}x - 2$

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

7) $y = -5x - 2$

8) $y = -\frac{2}{5}x + 2$

9) $y = -\frac{2}{3}x + 1$

10) $y = \frac{1}{3}x + 3$

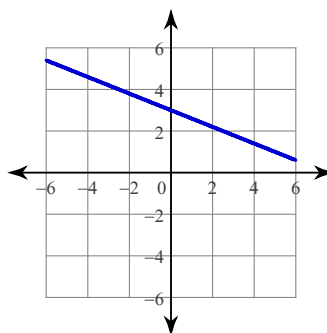
11) $y = -3x + 8$

12) $y = -5$

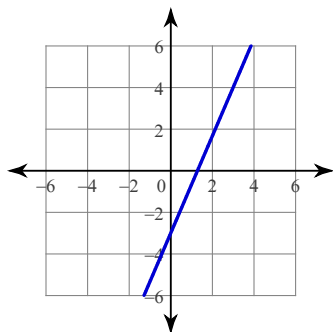
13) $y = -\frac{3}{8}x + \frac{25}{8}$

14) $y = \frac{1}{6}x + \frac{10}{3}$

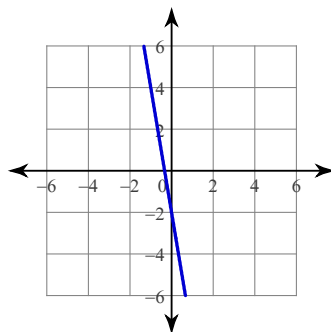
15)



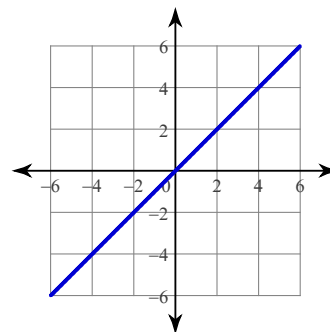
16)



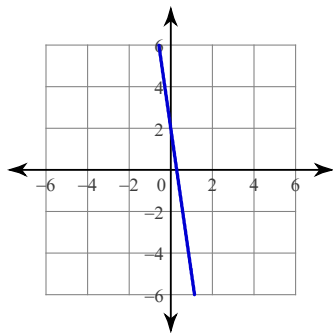
17)



18)



19)



20)

