

Assignment

Write the equation of the line.

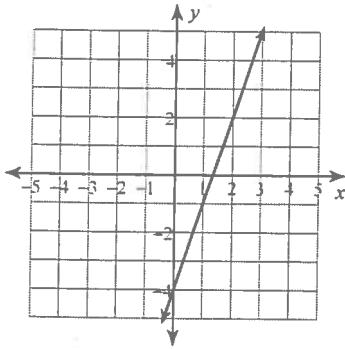
1) Slope = $-\frac{3}{4}$, y-intercept = 0

2) Slope = $-\frac{3}{2}$, y-intercept = -2

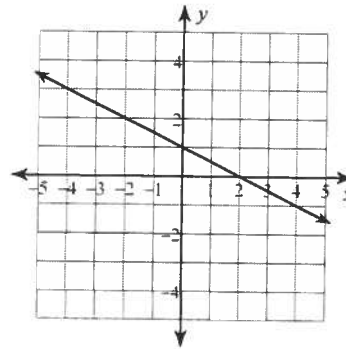
3) Slope = $\frac{1}{3}$, y-intercept = -4

4) Slope = 2, y-intercept = 3

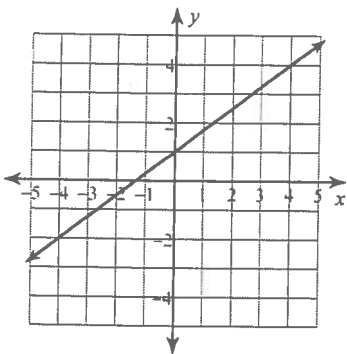
5)



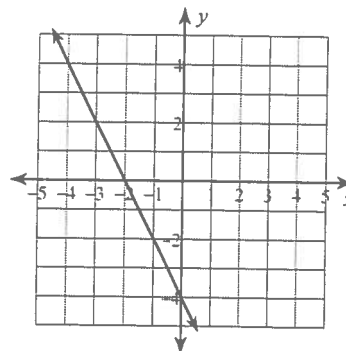
6)



7)



8)



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

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

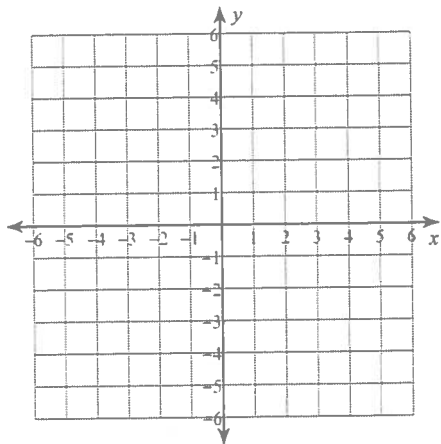
10) through: $(-1, -5)$ and $(4, 5)$

11) through: $(0, 2)$ and $(-4, 5)$

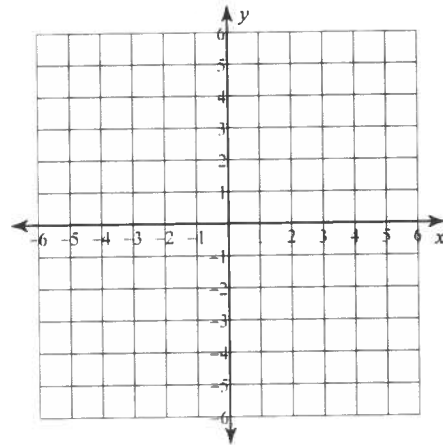
12) through: $(0, -4)$ and $(-2, 0)$

Sketch the graph of each line.

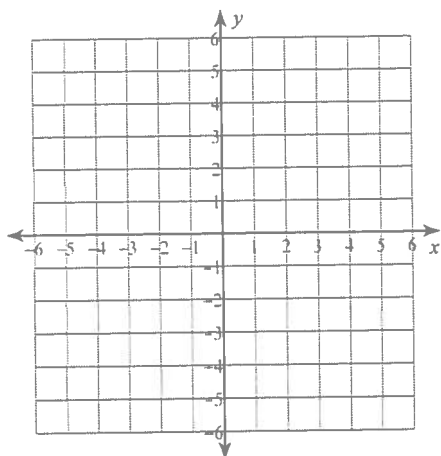
13) $y = 2x + 1$



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



15) $y = \frac{4}{3}x + 1$



16) $y = x - 2$

