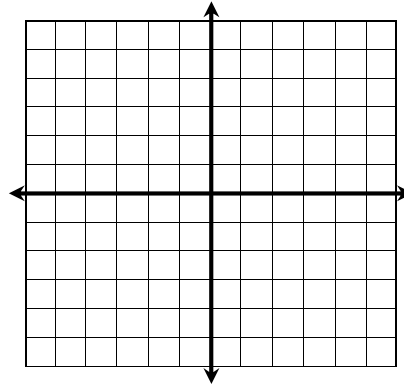
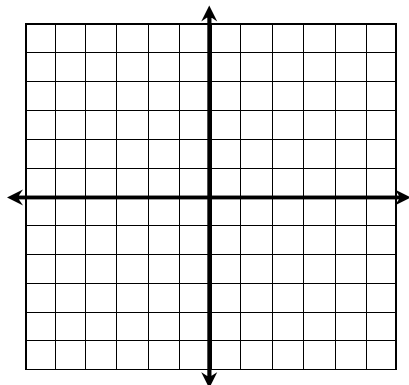


Use the slope and y-intercept to graph each line on the coordinate plane below.

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

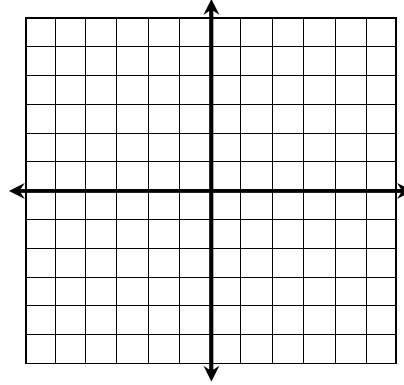
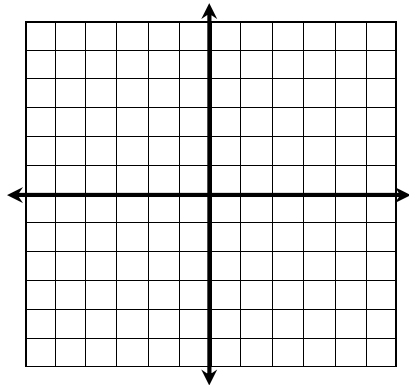
2) $y = -\frac{1}{3}x + 3$



Use the x-intercept and y-intercept to graph each line on the coordinate plane below.

3) $4x + 3y = 12$

4) $-2x + 4y = 8$



Write each equation in Slope-Intercept Form.

5) $4x + 3y = 12$

6) $-2x + 4y = 8$

Write an equation in Point-Slope Form of the line that contains the given points and has the given slope.

7) $P(-1, 3), m = 3$

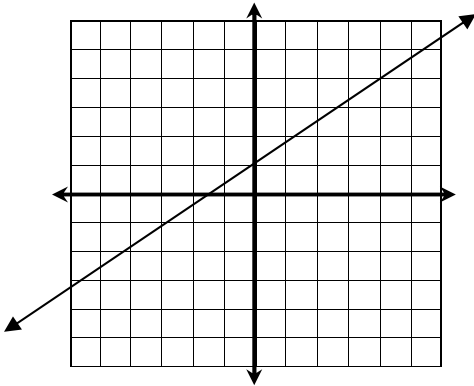
8) $P(6, -2), m = \frac{1}{2}$

9) Write an equation in point-slope form of the line that contains the points $A(-1, 1)$ and $B(4, -9)$.

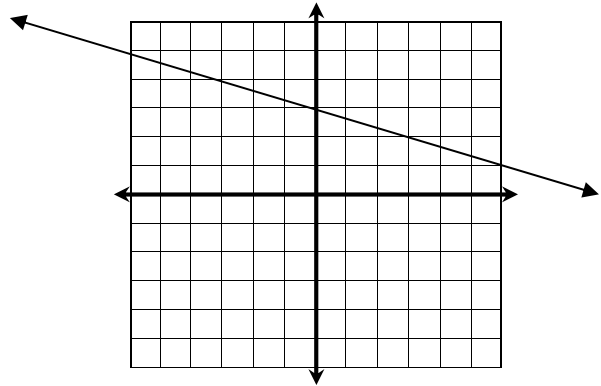
10) Write an equation in point-slope form of the line that contains the points $A(-6, 3)$ and $B(5, -2)$.

Answer Key

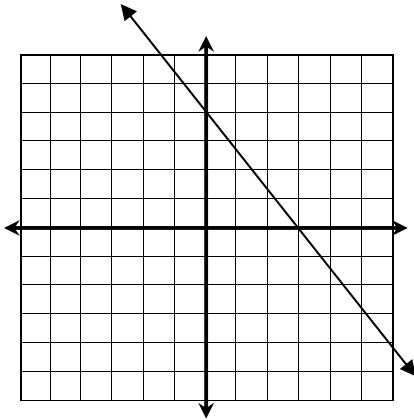
1) $y = \frac{3}{4}x + 1$



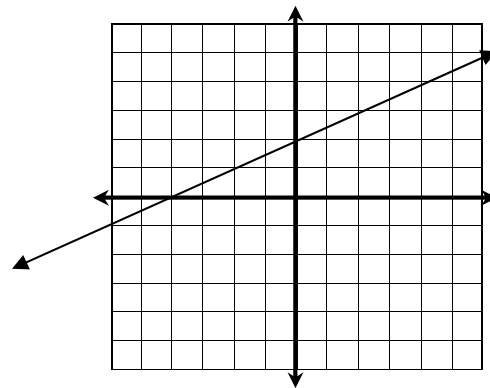
2) $y = -\frac{1}{3}x + 3$



3) $4x + 3y = 12$



4) $-2x + 4y = 8$



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

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

7) $y - 3 = 3(x + 1)$

8) $y + 2 = \frac{1}{2}(x - 6)$

9) $y + 9 = -2(x - 4)$ or $y - 1 = -2(x + 1)$

10) $y - 3 = -\frac{5}{11}(x + 6)$