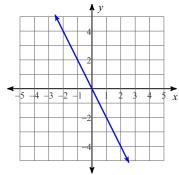
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Writing equations from graphs and two points

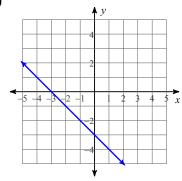
Date_____Period____

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

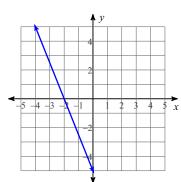
1)



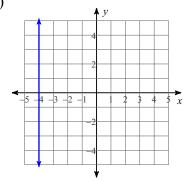
2)



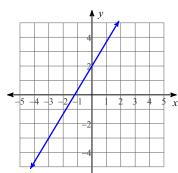
3)



4)



5)



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

6) through: (1, -2) and (-5, 1)

7) through: (-3, -2) and (-4, -2)

8) through: (-4, 3) and (0, -5)

9) through: (0, 1) and (-3, -1)

10) through: (-4, 2) and (0, 5)

Answers to Writing equations from graphs and two points (ID: 1)

1)
$$y = -2x$$

2)
$$y = -x - 3$$

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

4) $x = -4$
7) $y = -2$
8) $y = -2x - 5$

4)
$$x = -4$$

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

5)
$$y = \frac{5}{3}x + 2$$
 6) $y = -\frac{1}{2}x - \frac{3}{2}$
9) $y = \frac{2}{3}x + 1$ 10) $y = \frac{3}{4}x + 5$

7)
$$y = -2$$

8)
$$y = -2x - 5$$

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

10)
$$y = \frac{3}{4}x + 5$$