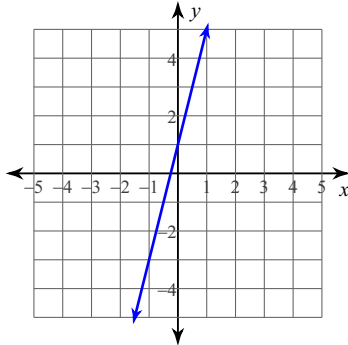


Assignment

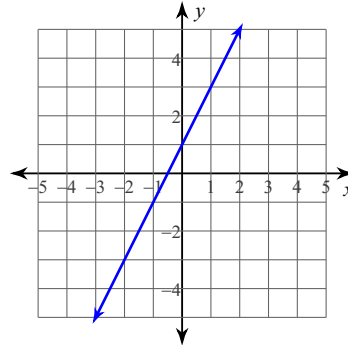
Date _____ Period _____

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

1)



2)



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

3) Slope = 1, y-intercept = 4

4) Slope = 0, y-intercept = 2

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

5) through: $(-1, 3)$, slope = -3 6) through: $(4, 5)$, slope = $\frac{9}{4}$ 7) through: $(4, 5)$, slope = $\frac{5}{4}$ 8) through: $(-1, -4)$, slope = $\frac{7}{6}$

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

9) through: $(-1, -4)$ and $(0, 0)$

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

Answers to Assignment (ID: 1)

1) $y = 4x + 1$

5) $y = -3x$

9) $y = 4x$

2) $y = 2x + 1$

6) $y = \frac{9}{4}x - 4$

10) $y = \frac{7}{6}x - \frac{1}{3}$

3) $y = x + 4$

7) $y = \frac{5}{4}x$

4) $y = 2$

8) $y = \frac{7}{6}x - \frac{17}{6}$