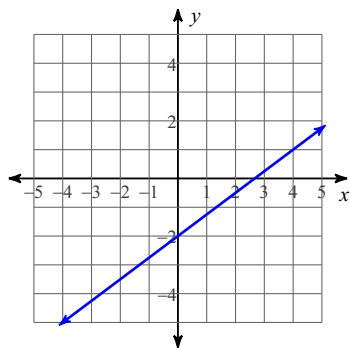


SM3-A HW #1-6 (More Lines)

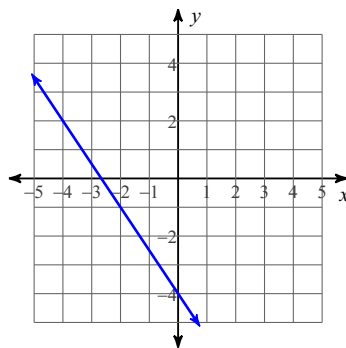
Date _____ Period _____

Write the slope-intercept form of the equation of each line.**In question #1 the line passes through (0, -2) and (4, 1) and****in question #2 the lines passes through (-4, 2) and (0, -4).**

1)



2)

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

3) Slope = $\frac{4}{5}$, y-intercept = -3

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

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

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

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

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

6) through: $(3, -1)$, parallel to $y = -2x + 2$

7) through: $(-4, -5)$, perpendicular to $y = -\frac{2}{3}x - 3$

Answers to SM3-A HW #1-6 (More Lines) (ID: 1)

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

$$5) y = 2x - 9$$

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

$$6) y = -2x + 5$$

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

$$7) y = \frac{3}{2}x + 1$$

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