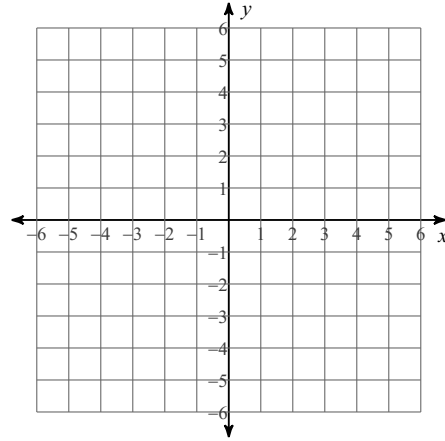
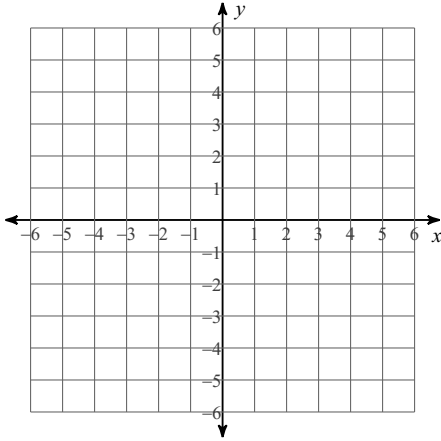


SLOPE Review

Sketch the graph of each line. Label the slope and y-intercept.

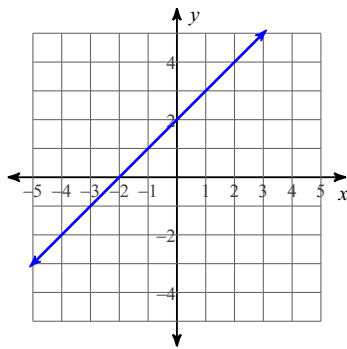
1) $3x + y = 5$

2) $x = -4$



Write the point-slope form of the equation of the line.

3)



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

4) through: $(-1, -4)$, slope = 8

Write the standard form of the equation of the line.

5) $y + 1 = \frac{1}{2}(x + 4)$

Write the 1) slope-intercept, 2) point-slope and 3) standard form of the equation of the line through the given points.

6) through: $(-2, 3)$ and $(0, 0)$

Slope-Intercept Form: _____

Point-Slope Form: _____

Standard Form: _____

7) through: $(3, -4)$ and $(-1, 1)$

Slope-Intercept Form: _____

Point-Slope Form: _____

Standard Form: _____

Write the 1) slope-intercept and 2) standard form of the equation of the line given the slope and y-intercept.

8) Slope = -2 , y-intercept = 4

Slope-Intercept Form: _____

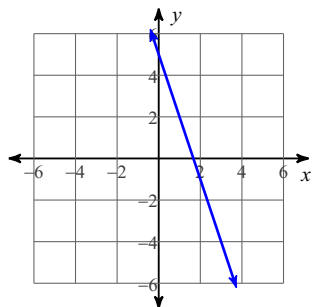
Standard Form: _____

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

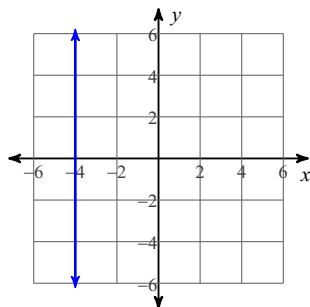
9) through: $(5, -4)$, slope = $-\frac{2}{5}$

Answers to SLOPE Review (ID: 1)

1)



2)



3) $y = x + 2$

4) $y = 8x + 4$

5) $x - 2y = -2$

6) $y = -\frac{3}{2}x$ and $y = -\frac{3}{2}x$ and $3x + 2y = 0$

7) $y = -\frac{5}{4}x - \frac{1}{4}$ and $y + 4 = -\frac{5}{4}(x - 3)$ or $y - 1 = -\frac{5}{4}(x + 1)$

and $5x + 4y = -1$

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

9) $y + 4 = -\frac{2}{5}(x - 5)$