

Lines: Lesson 4

Slope Intercept and Point-Slope Form: Worksheet 1

Name: _____

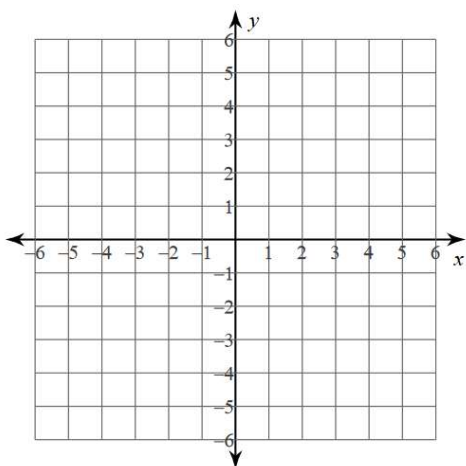


Slope Intercept Form: _____

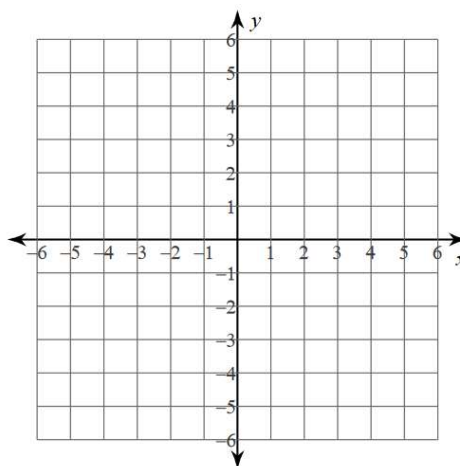
Point-Slope Form: _____

Graph:

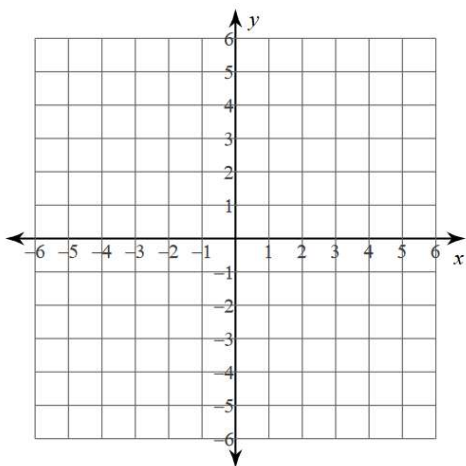
$$y = \frac{-4}{5}x + 3$$



$$y = 3x - 2$$



$$y = -4x$$



What is the point-slope form of the line...

Through (7, -2), slope -3: _____

Through (0, 5), slope 1: _____

Through (-6, 0), slope $\frac{2}{3}$ _____

What is a point and slope of the line with equations:

$y = \frac{7}{2}(x+6)$ Point: _____ Slope: _____

$y+4 = -9(x-2)$ Point: _____ Slope: _____

$y-5 = x+7$ Point: _____ Slope: _____

What is the slope intercept form of a line with...

Slope: -6 through (-1, 3): _____

Slope: $\frac{2}{3}$ through (3, -6): _____
