Name: _____ Period: _____

5.0 - Graphing Review

1) ***Slope-intercept form*** is an equation written in the form y = _____, where

m represents the line's _____ and b represents the line's _____.

Solve each equation for y. Then determine the slope and y-intercept of the equation.

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

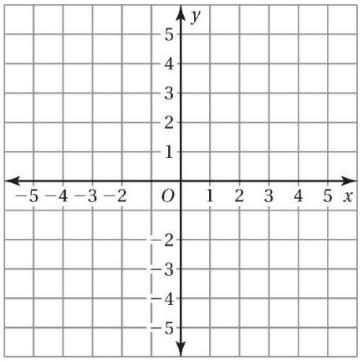
m = _____ b = _____

3) $x - 3y = 9$

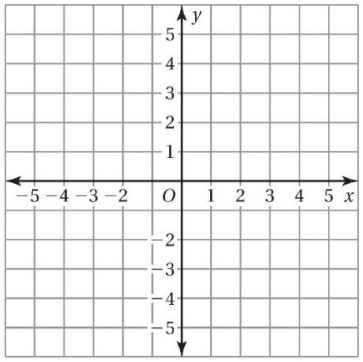
m = _____ b = _____

Graph each line using the given information about the slope and y-intercept.

4) $m = -2$ *and* $b = 0$

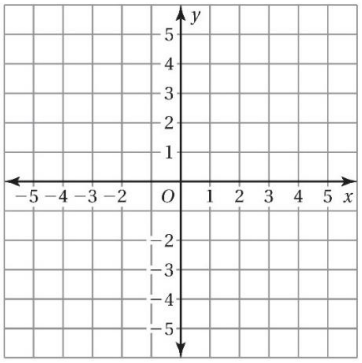


5) $m = \frac{1}{3}$ *and* $b = -5$



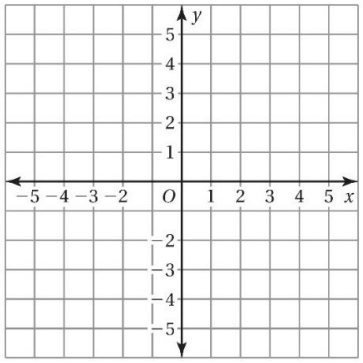
6) Change to slope intercept form and graph

$3x - 2y = -2$



7) Graph the equation using any method

$-4x + 3y = -12$



Show whether the given ordered pair is a solution of the equation. *Show your work!*

8) $y = 3x + 4$; $(-1, 1)$

9) $2x - 3y = 15$; $(0,5)$