

Date: _____

Lesson 5: Writing Equations in Slope-Intercept Form Guided Notes

Objective:

Slope-Intercept Form:

In order to write a slope-intercept form equation, we need two pieces of information:

1.)

2.)

Point-Slope Form:

Write the point-slope form of an equation for the line that passes through each point with the given slope.

1) $(-8, 5)$ $m = -3$

2) $(-3, -4)$ $m = 0$

To write a slope-intercept equation, given _____ and a _____.

1.)

2.)

Write the slope-intercept form equation

3) $(5, -2)$, $m = 2$

4) $(-3, -1)$, $m = -\frac{2}{3}$

To write a slope-intercept equation, given _____.

1.)

2.)

3.)

Write the slope-intercept form equation

5) $(-1, 3)$, $(2, -3)$

6) $(1, 1)$, $(7, 4)$

7) x -intercept: 6, y -intercept: 4