

WS 5.4 – Convert from Point-Slope Form to Slope Intercept Form Name: _____

A line passes through the given point and has the following slope. Write an equation for the line in point-slope form. Then rewrite the equation in slope-intercept form.

1. $(9, 0)$ $m = -5$

2. $(4, -8)$ $m = 3$

A line passes through the given points. Write an equation for the line in point-slope form. Then rewrite the equation in slope-intercept form. Show all work!

3. $(6, -4)$ $(-3, 5)$

4. $(-3, -4)$ $(3, -2)$

5. $(2, 7) (1, -4)$

6. $(0, 0) (-1, -2)$

7. $(0, 2) (-4, 2)$

8. $(5, -4) (0, 2)$