

4.3 Write Equations in Point Slope Form HW-1

Date _____ Due _____

1) What is the equation for point slope form?

Write the POINT SLOPE FORM of the equation of the line through the given point with the given slope.

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

3) through: $(2, 0)$, slope = 0

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

Write the POINT SLOPE FORM of the equation.

5) through: $(3, -3)$ and $(0, -5)$

6) through: $(-3, -3)$ and $(-3, -1)$

7) through: $(-2, 3)$ and $(-3, -3)$

Write the SLOPE INTERCEPT FORM of the equation.

8) through: $(2, 3)$ and $(0, 2)$

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