

Finding an Equation of a Line WS

Date _____ Period _____

Write the slope-intercept form of the equation of the line through the given point with the given slope.

1) through: $(-5, 5)$, slope $= -1$

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

3) through: $(4, 1)$, slope $= 2$

4) through: $(1, -5)$, slope $= -8$

5) through: $(-5, -2)$, slope $= \text{undefined}$

6) through: $(-2, 3)$, slope $= -4$

7) through: $(-1, 0)$, slope $= 0$

8) through: $(-3, -5)$, slope $= \frac{10}{3}$

9) through: $(1, 1)$, slope = 2

10) through: $(4, 0)$, slope = $-\frac{1}{4}$

Write the slope-intercept form of the equation of the line through the given points.

11) through: $(2, 3)$ and $(-5, -5)$

12) through: $(-4, 0)$ and $(1, -3)$

13) through: $(0, 4)$ and $(-1, 0)$

14) through: $(0, 2)$ and $(-5, 5)$

15) through: $(4, 4)$ and $(-5, -4)$

16) through: $(-5, 5)$ and $(-1, 5)$

17) through: $(-3, -4)$ and $(-4, -1)$

18) through: $(2, -2)$ and $(-1, -3)$