Algebra 1   Name_____

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

1) through: $(0, -1)$, slope $= 3$

2) through: $(3, -1)$, slope $= -6$

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

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

5) through: $(-1, -4)$, slope $= 6$

Find the slope of the line through each pair of points.

6) $(9, 11), (-2, -11)$

7) $(18, 5), (-2, 19)$

8) $(-10, 16), (-1, 16)$

9) $(-4, -5), (6, -19)$

10) $(-10, 0), (9, -1)$

11) $(2, -7), (17, -1)$

12) $(-20, 20), (-10, 10)$

13) $(-1, -8), (-19, 2)$

14) $(-1, -12), (-19, -18)$

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

15) through: $(2, -2)$ and $(4, 0)$

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

17) through: $(0, -1)$ and $(2, 3)$

18) through: $(-2, 4)$ and $(-1, -2)$

19) through: $(-2, -1)$ and $(0, -3)$

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

21) through: $(-1, 5)$ and $(0, -2)$

22) through: $(0, 4)$ and $(3, -5)$

23) through: $(-2, 4)$ and $(0, -2)$