

## POINT-SLOPE PRACTICE

Date \_\_\_\_\_ Period \_\_\_\_\_

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

1) through:  $(4, 3)$ , slope  $= \frac{4}{5}$

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

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

4) through:  $(-2, 3)$ , slope  $= -\frac{7}{2}$

5) through:  $(-1, 3)$ , slope  $= -5$

6) through:  $(-3, 3)$ , slope  $= -\frac{1}{2}$

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

7) through:  $(0, 2)$  and  $(2, 4)$

8) through:  $(0, 5)$  and  $(-5, -4)$

9) through:  $(5, 5)$  and  $(2, 3)$

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