

## Linear Equations (E)

Point-Slope Form ( $y - y_1 = m(x - x_1)$ )

Write the equation of each line in point-slope form then solve for y.

1. Slope:  $-\frac{9}{7}$  Point:  $(-7,4)$

2. Slope:  $\frac{1}{8}$  Point:  $(8,0)$

3. Slope:  $-\frac{1}{4}$  Point:  $(-4,2)$

4. Slope:  $\frac{1}{8}$  Point:  $(8,-2)$

5. Slope:  $\frac{7}{4}$  Point:  $(4,6)$

6. Slope:  $-\frac{1}{3}$  Point:  $(-6,9)$

7. Slope:  $-3$  Point:  $(-2,-3)$

8. Slope:  $\frac{7}{4}$  Point:  $(4,8)$

9. Slope:  $-\frac{5}{9}$  Point:  $(-9,4)$

10. Slope:  $-\frac{1}{3}$  Point:  $(3,-6)$