

## Linear Equations (F)

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:  $\frac{2}{3}$     Point: (6,4)

2. Slope:  $-\frac{5}{4}$     Point: (8,-6)

3. Slope: 7    Point: (1,7)

4. Slope:  $\frac{4}{9}$     Point: (9,2)

5. Slope:  $\frac{13}{3}$     Point: (-3,-6)

6. Slope:  $\frac{2}{9}$     Point: (9,-2)

7. Slope:  $-3$     Point: (1,-2)

8. Slope: 4    Point: (-1,1)

9. Slope: 2    Point: (4,7)

10. Slope:  $-\frac{3}{8}$     Point: (8,-1)