Finding Equations of Lines
Use Point-Slope Form of a Line
$$y - y_1 = m(x - x_1)$$

Need to Know 2 Things:
1. **A Point**
2. **The Slope**

1. Find an equation of a line passing through (4, 5) having slope 3

2. Find an equation of a line passing through (2, 3) and (3, 7)..

3. Find an equation of a line passing through (3, 1) that is parallel to y = 2x – 5.

4. Find an equation of a line passing through (2, 3) that is perpendicular to y = 4x + 1