1. Find the slope of the line joining (2,5) and (4,9)

2. Find the slope of the line joining (2,5) and (4,3)

3. Find the slope of the line joining (2,5) and (2,7)

4. Find the slope of the line joining (2,5) and (4,5)

5. Use the point-slope formula \( y - y_1 = m(x - x_1) \) to find the equation of each line above (except for the line where the formula would make no sense!)