Find the equation of the line passing through the given points.

1. Find the slope first. \( m = \frac{y_2 - y_1}{x_2 - x_1} \)

2. Pick one point and now use the Point-Slope formula. \( y - y_1 = m(x - x_1) \)

3. Write answers in slope-intercept form, if possible.

Ex. #1: Passing through the points \((-1,3)\) and \((4,7)\)

Ex. #2: Passing through the points \((3,-4)\) and \((-5,-1)\)

Ex. #3: Passing through the points \((5,-6)\) and \((-3,-6)\)  

Ex. #4: Passing through the points \((-7,-4)\) and \((-7,8)\)