

Linear Equations (G)

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

2. Slope: $-\frac{4}{7}$ Point: (-7,2)

3. Slope: $\frac{10}{7}$ Point: (7,2)

4. Slope: $-\frac{3}{7}$ Point: (7,-7)

5. Slope: -3 Point: (2,3)

6. Slope: $-\frac{2}{3}$ Point: (-9,0)

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

8. Slope: undefined Point: (-1,4)

9. Slope: 2 Point: (-2,4)

10. Slope: -4 Point: (-1,5)