

Linear Equations (B)

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

2. Slope: -1 Point: (-6,7)

3. Slope: $\frac{1}{2}$ Point: (2,7)

4. Slope: 4 Point: (1,2)

5. Slope: -1 Point: (-2,-2)

6. Slope: $-\frac{1}{2}$ Point: (8,-7)

7. Slope: 1 Point: (3,-1)

8. Slope: $-\frac{7}{8}$ Point: (8,1)

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

10. Slope: 0 Point: (-2,-1)