

Linear Equations (I)

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: $\frac{7}{3}$ Point: (-3,-9)

2. Slope: $-\frac{11}{2}$ Point: (-2,4)

3. Slope: $\frac{1}{4}$ Point: (-4,2)

4. Slope: $-\frac{7}{3}$ Point: (-3,8)

5. Slope: -10 Point: (-1,8)

6. Slope: -11 Point: (-1,6)

7. Slope: $-\frac{5}{7}$ Point: (-7,7)

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

9. Slope: $-\frac{17}{9}$ Point: (9,-8)

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