

Linear Equations (C)

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: $\frac{13}{3}$ Point: (3,8)

2. Slope: 13 Point: (1,7)

3. Slope: 11 Point: (-1,-9)

4. Slope: $\frac{9}{7}$ Point: (-7,-2)

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

6. Slope: undefined Point: (5,-5)

7. Slope: $\frac{9}{2}$ Point: (2,3)

8. Slope: $-\frac{5}{3}$ Point: (-3,2)

9. Slope: $\frac{4}{3}$ Point: (9,6)

10. Slope: $-\frac{11}{6}$ Point: (-6,5)