

Point-slope Form

Write the equation of the line whose slope and the point through which it passes are given. Express the equation in point-slope form.

1) $(7, -8)$ and slope $m = -1$

2) $(-3, 0)$ and slope $m = -9$

3) $(9, 5)$ and slope $m = -\frac{7}{4}$

4) $(-6, -4)$ and slope $m = 3$

5) $(-4, 7)$ and slope $m = -6$

7) $(6, 3)$ and slope $m = 4$

9) $(-1, -2)$ and slope $m = 8$

10) $(5, 1)$ and slope $m = \frac{2}{3}$

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