

Point-slope Form

Sheet 3

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) $(9, 2)$ and slope $m = 4$

2) $(0, -1)$ and slope $m = -2$

3) $(-3, 7)$ and slope $m = 0$

4) $(1, -8)$ and slope $m = 9$

5) $(-8, 0)$ and slope $m = -9$

7) $(2, 10)$ and slope $m = \frac{1}{5}$

9) $(5, 0)$ and slope $m = -4$

10) $(0, 3)$ and slope $m = 1$

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