

Point-slope Form

Sheet 2

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) $(5, 4)$ and slope $m = 1$

2) $(0, -9)$ and slope $m = -\frac{2}{7}$

3) $(2, -1)$ and slope $m = -8$

4) $(-3, 3)$ and slope $m = 0$

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

7) $(1, -4)$ and slope $m = \frac{1}{3}$

9) $(0, 7)$ and slope $m = -4$

10) $(9, -2)$ and slope $m = -\frac{1}{5}$

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