

3-3 Point-Slope Form

Name _____ Per. ____

Write the point-slope form of the equation of the line through the given point with the given slope.

1. through: (1, 2), slope = 7

Standard Form:

x-intercept: _____ y-intercept: _____

2. through: (3, -1), slope = -1

Slope-Intercept Form:

slope (m): _____ y-intercept: _____

3. through: (3, 5), slope = $\frac{5}{3}$

Standard Form:

x-intercept: _____ y-intercept: _____

4. through: (-2, -4), slope = $-\frac{1}{2}$

Slope-Intercept Form:

slope (m): _____ y-intercept: _____

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