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Name:

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Algebra Practice Worksheet

Practice

1. What is the y-intercept of the line described by the equation y = -2x + 5?

2. What is the y-intercept of the line described by the equation y = 2x + 9?

3. What is the y-intercept of the line described by the equation y = -3x - 7?

4. What is the y-intercept of the line described by the equation y = 5x + 12?

Solutions

1. (0, 5)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, 5).

2. (0, 9)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, 9).

3. (0, -7)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, -7).

4. (0, 12)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, 12).

Need more steps?

Use XMath AI as an AI Math Solver in Chrome for step-by-step answers from screenshots.

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