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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 = -10x + 0?

2. What is the y-intercept of the line described by the equation y = 2x + 4?

3. What is the y-intercept of the line described by the equation y = -3x - 2?

4. What is the y-intercept of the line described by the equation y = 5x + 7?

Solutions

1. (0, 0)

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

2. (0, 4)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, 4).

3. (0, -2)

The y-intercept is the constant term b in y = mx + b, so the line crosses the y-axis at (0, -2).

4. (0, 7)

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

Need more steps?

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

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