

Name: _____

Date: _____

Linear Equation Practice Worksheet

Practice

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

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

3. What is the y-intercept of the line described by the equation $y = -3x + 1$?

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

Solutions

1. (0, -3)

The y-intercept is the constant term b in $y = mx + b$, so the line crosses the y-axis at (0, -3).

2. (0, 1)

The y-intercept is the constant term b in $y = mx + b$, so the line crosses the y-axis at (0, 1).

3. (0, 1)

The y-intercept is the constant term b in $y = mx + b$, so the line crosses the y-axis at (0, 1).

4. (0, 4)

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

Need more steps?

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

x-mathai.com