

## Slope-Intercept Form Exit Quiz

**Part A Instructions:** Choose the option that completes the sentence or answers the question.

1. The slope-intercept form of the linear equation is:

- a.  $y = x + mb$
- b.  $my = x + b$
- c.  $y = mx + b$
- d. None of these

2. The point where a line intersects the y-axis is called:

- a. x-intercept
- b. y-intercept
- c. z-intercept
- d. None of these

3. The slope of a vertical line is:

- a. zero
- b. undefined
- c. 1
- d. None of these

4. The slope formula is given as:

- a.  $\text{Slope } m = \frac{y_2 - y_1}{x_2 - x_1}$
- b.  $\text{Slope } m = \frac{x_2 - x_1}{y_2 - y_1}$
- c.  $\text{Slope } m = x_2 - x_1$
- d.  $\text{Slope } m = y_2 - y_1$

**Part B Instructions:** Answer the question below.

5. Write an equation in slope-intercept form of the line that passes through the given points.

$(0, -1)$  and  $(5, 6)$