

Algebra

What is the slope of a line that passes through the points (1, 4) and (9, 12)?

Using the following slope formula:

$$\text{slope} = \frac{y_2 - y_1}{x_2 - x_1}$$

The y values are 4 and 12 The x values are 1 and 9

$$4 - 12 = -8$$

$$1 - 9 = -8$$

$$-8 / -8 = 1$$

Therefore, the slope of the line is 1

