Slope from Two Points

$$m = (y_2 - y_1) \div (x_2 - x_1)$$

1 Label the points

A(2, 5): $x_1 = 2$, $y_1 = 5$

B(6, 13): $x_2 = 6$, $y_2 = 13$

2 Plug in

$$m = (13 - 5) \div (6 - 2)$$

3 Simplify

$$m = 8 \div 4 = 2$$

✓ Check

Positive slope: the line goes **up** from left to right

Stay in order: whichever point you start with on top, start with on the bottom.