

Unit 3

Lesson 10: Calculating Slope

Let's calculate slope from two points.

10.1: Integer Operations Review

Find values for a and b that make each side have the same value.

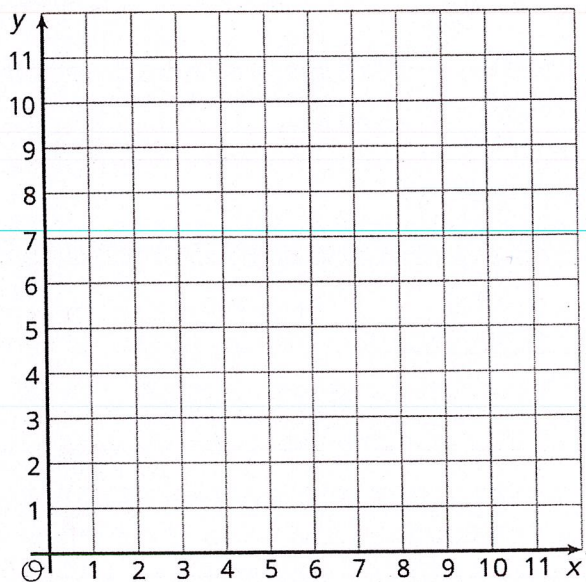
1. $\frac{a}{b} = -2$

2. $\frac{a}{b} = 2$

3. $a - b = -2$

10.2: Toward a More General Slope Formula

1. Plot the points $(1, 11)$ and $(8, 2)$, and use a ruler to draw the line that passes through them.



2. Without calculating, do you expect the slope of the line through $(1, 11)$ and $(8, 2)$ to be positive or negative? How can you tell?

3. Calculate the slope of this line.