Measure with a Torn Tape

Let's measure without starting at 0.

Warm-up

True or False: Constant Difference

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $10 - 0 = 12 - 2$

- $8 - 4 = 10 - 6$

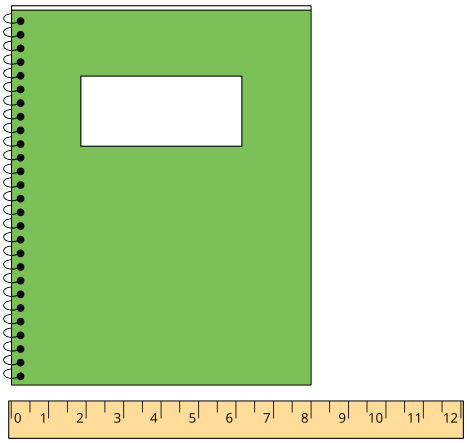
- $12 - 4 = 10 - 3$

- $15 - 2 = 13 - 0$

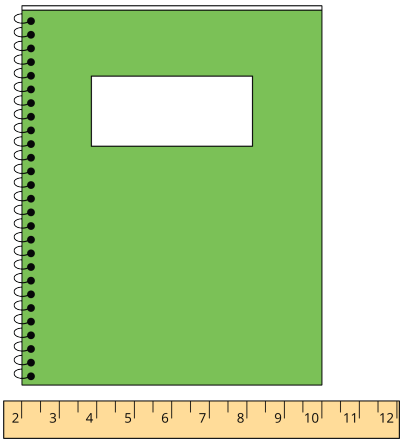
Activity 1

The Notebook Problem

Jada and Han use an inch ruler. They measure the short side of the notebook.



Han says 8 inches.



Jada says 8 inches.

1. How did Han and Jada get the same measurement?

2. Write an equation that shows Jada's thinking.

3. Measure an object using Jada's method.

   - I measured a _____.
   - I started with the number _____.
   - I ended with the number _____.
   - Equation: _____.
   - The length of my object is _____.

4. Compare measurements with a partner.

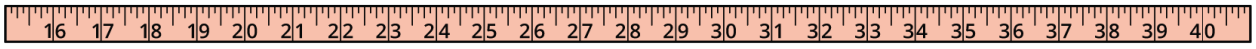
Activity 2

A Desktop to Measure

Lin measures her desktop in inches.

1. What is the length of the long side of the desktop? Show your thinking using drawings, numbers, or words.

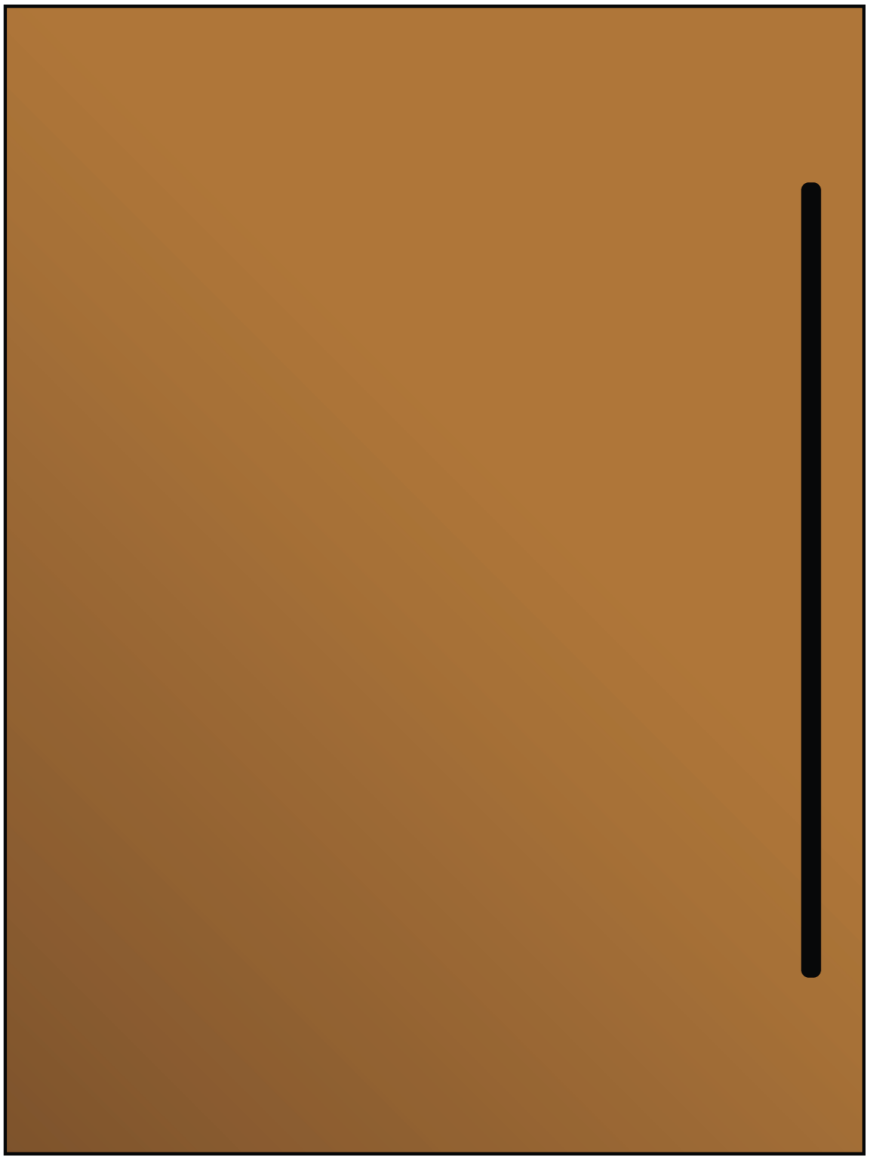


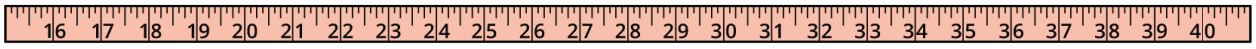


Equation: _____

The long side of the desktop is _____.

2. What is the length of the short side of the desktop? Show your thinking using drawings, numbers, or words.





Equation: _____

The short side of the desktop is _____.