

**Using the Whiteboard**

- Pull out the Problem tab and discuss the problem with students.
- Tap the first **Action Arrow** to reveal Step 1.
- Change the **Pen** color to red and have a volunteer use the **Pen** to shade the number line.
- Tap the second **Action Arrow** to reveal Step 2.
- Change the **Pen** color to green and have a volunteer use the **Pen** to shade the number line.
- Tap the third **Action Arrow** to reveal Step 3.
- Ask a student to use the **Pen** to complete the sentences.
- Tap **Math Talk** to reveal a discussion question.

Teaching the Math

Introduce the customary unit of weight. Explain that in the customary system of measurement, two units that can be used to measure weight are ounces and pounds. Work through the activity with the class.

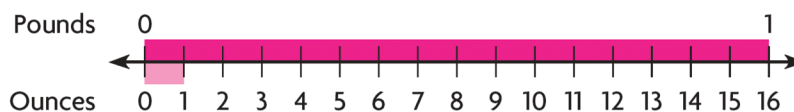
Ask: In Step 1, what do you shade to represent 1 pound on the number line? **from 0 to 1 on the top portion of the number line.**

Ask: In Step 2, what do you shade to represent 1 ounce on the number line? **from 0 to 1 on the bottom portion of the number line**

Ask: In Step 3, how many ounces make 1 pound? Explain how you know. **16 ounces; Possible explanation: the number line shows 16 ounces is the same as 1 pound.**

Ask: If you know 1 pound is 16 times as heavy as 1 ounce, how can you compare the size of 2 pounds to the size of 1 ounce? **Possible answer: since a pound is 16 times as heavy as an ounce, 2 pounds would be 2×16 times, or 32 times, as heavy as an ounce.**

Use **Math Talk** to help students recognize how to compare customary units of weight.

Answer Key

You need **16** ounces to make **1** pound.

So, 1 pound is **16** times as heavy as 1 ounce.

Math Talk

9 pounds; possible explanation: since there are 16 ounces in a pound, 9 ounces weigh less than 9 pounds.