

**Using the Whiteboard**

- Discuss the problem with students.
- Tap the first **Action Arrow** to reveal Step 1.
- Have a volunteer use the **Pen** to draw the model.
- Tap the second **Action Arrow** to reveal Step 2.
- Ask the student to use the **Highlighter Tool** to shade the model.
- Tap the third **Action Arrow** to reveal Step 3.
- Ask a student to use the **Pen** to complete the sentence.

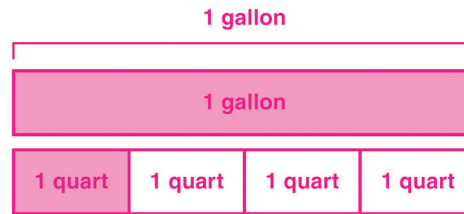
**Teaching the Math**

Work through the example with the class.

**Ask:** In Step 1, why do you draw two bars the same length? **Possible answer:** because you need to show the relationship between the two units

**Ask:** How do you know how to show the number of quarts in the bar? **Possible answer:** 4 quarts are in 1 gallon, so divide the bar for quarts into 4 equal parts. Each part represents 1 quart.

**Ask:** How can you compare the size of a half gallon to the size of 1 quart? **Possible answer:** if I mark the halfway point on the bar for 1 gallon, I can see that a half gallon is 2 times as much as 1 quart.

**Answer Key**

So, 1 gallon is 4 times as much as 1 quart.