

Name: _____

Period: _____

Date: _____

Volume Word Problems

1. Bob has 24 mL of water. He accidentally spills 13 mL, picks the cup back up, and places a 5 cm^3 ice cube into the cup. What is the final volume in the cup? _____

2. Larry's car holds 15 liters of gasoline. His car gets 25 kilometers per liter of gas. If Larry drives 235 km, how much gas is left in his car if he starts out with a full tank? _____

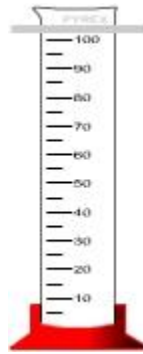
3. Angela has a glass with 176 mL of Coca-Cola in it. A square ice cube is dropped into the drink and the volume of the glass rises to 203 mL.

What is the volume of the ice cube? _____

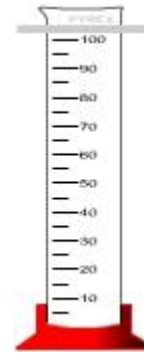
What are the dimensions of the ice cube (remember, it's square!)? _____ x _____ x _____

4. A graduated cylinder is filled with 65 mL of water and a 15 cm^3 ice cube is placed into the cylinder. Fill in the starting and ending graduated cylinders.

Starting



Ending



5. You know that the box below has a height of 4 cm, a width of 6 cm, and a total volume of 216 cm^3 . What is the length of the box?

