



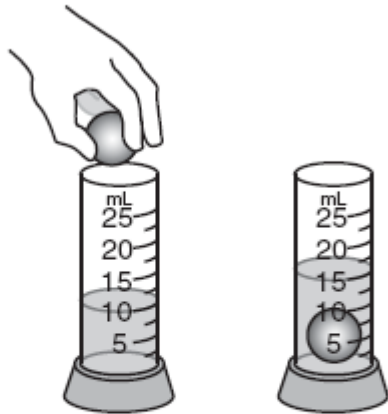
Name: \_\_\_\_\_ #: \_\_\_\_\_

Date: \_\_\_\_\_ Section: \_\_\_\_\_ HR: \_\_\_\_\_

Science Question of the Day: October 19<sup>th</sup> – October 23<sup>rd</sup>

Monday

**59** A student added a small ball to a graduated cylinder containing 10 milliliters of water.



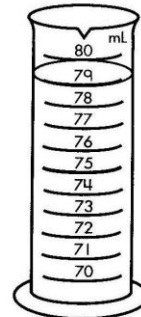
What is the volume of the ball?

- A 5 mL
- B 10 mL
- C 15 mL
- D 20 mL

Tuesday

Find the volume of a variety of objects using a graduated cylinder. Determine the increments of each graduated cylinder. Use the increments to mark the requested amount. Use the pre-marked lines to answer the questions. Show your work.

2. The increments are \_\_\_\_\_ each.
- Draw the original water line at 72 mL.  
What is the water level at the pre-marked line?  
\_\_\_\_\_
- This is the water level after a thumbtack is dropped in. What is the volume of the thumbtack? \_\_\_\_\_  
Show your work.



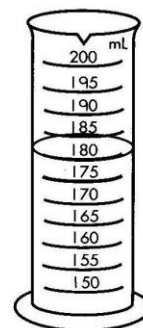
Wednesday

Find the volume of a variety of objects using a graduated cylinder. Determine the increments of each graduated cylinder. Use the increments to mark the requested amount. Use the pre-marked lines to answer the questions. Show your work.

3. The increments are \_\_\_\_\_ each.

Draw the original water line at 165 mL.  
What is the water level at the pre-marked line?  
\_\_\_\_\_

This is the water level after a nail is dropped in.  
What is the volume of the nail? \_\_\_\_\_  
Show your work.



Thursday

Fill in the chart below comparing the temperatures at which water freezes and boils.

	Degrees Fahrenheit	Degrees Celsius
Water Boils		
Water Freezes		

Friday

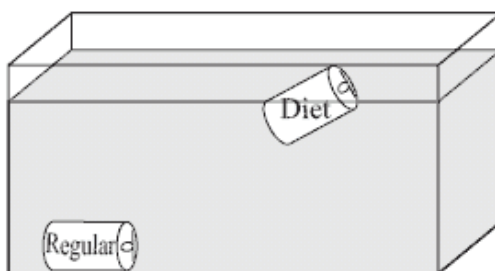
2006, Science and Technology/Engineering - Grade 8

Question 7: Multiple-Choice

Reporting Category: Physical Sciences

Standard: Properties of Matter - 2

The diagram below shows what occurred when a can of diet soda and a can of regular soda were dropped into a container of water.



The can of regular soda sank to the bottom of the container, but the can of diet soda floated. Which of the following statements **best** explains this observation?

- A. The can of regular soda is less dense than the can of diet soda.
- B. The can of regular soda is more dense than the can of diet soda.
- C. The can of regular soda has a larger volume than the can of diet soda.
- D. The can of regular soda has a smaller volume than the can of diet soda.