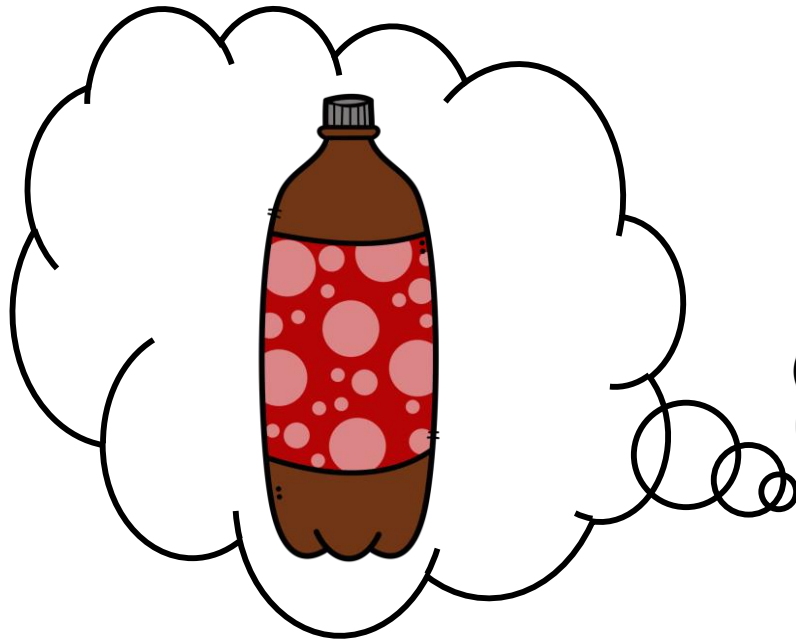


3.MD.A.2

Is it a Liter?



Adapted From Howard County

Is it a Liter?

Materials:

- Variety of empty containers (labeled with letters for identification)
- Liter container
- Funnel
- Water or rice
- Math journal or recording sheet

Directions:

- 1) With your partner, choose five containers.
- 2) Sort the five containers into three groups:
 - Less than one liter
 - About one liter
 - More than one liter
- 3) Use the math talk cards to discuss your reasoning.
- 4) Record your thinking in your math journal or on the recording sheet.
- 5) Check your sorting by filling each container with water or rice. Then pour the water or rice into the liter container to measure its capacity.
- 6) Repeat with all the containers. Did you sort the containers correctly? How do you know?

Name _____ Date _____
Recording Sheet - Is it a Liter?

Write the letter on the container and your estimate of its capacity - less than one liter, about the same as one liter, or more than one liter. Measure and write the actual capacity.

Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual

Name _____ Date _____
Recording Sheet - Is it a Liter?

Write the letter on the container and your estimate of its capacity - less than one liter, about the same as one liter, or more than one liter. Measure and write the actual capacity.

Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual
Container	Estimate	Actual

Math Talk Cards

I estimate that container _____ holds less than one liter because

I estimate that container _____ holds about one liter because

I estimate that container _____ holds more than one liter because

Graphics and Fonts

