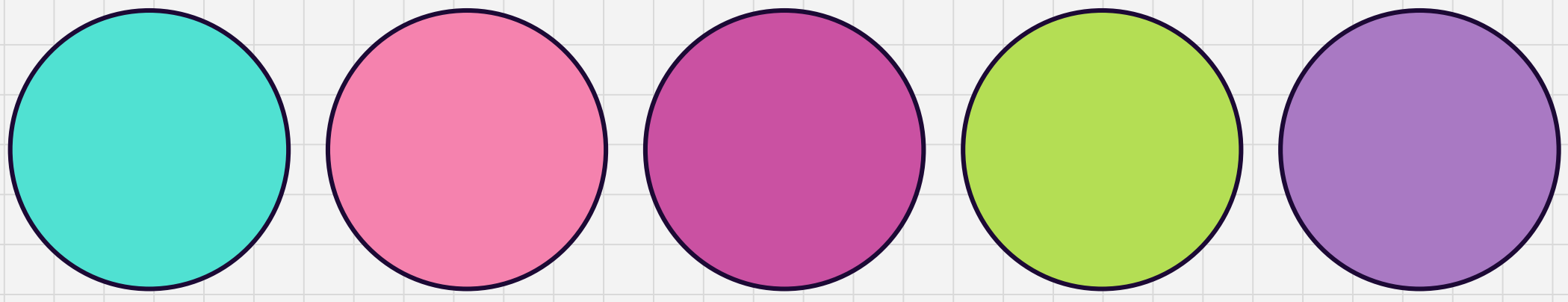




Unit 4, Module 2, Session 1

Measuring Liquid Volume





Learning Goal:

I can read and write the time and solve elapsed time problems.

I can use containers of different capacities to estimate, measure, and solve liquid volume problems.

Time Checkpoint

1. Try your best-

This helps us make sure we keep you learning, growing and having fun in class! Remember, you can do hard things!

1. Work Hard-

This helps us see what work is too easy and what you may need more help with

1. Do your own work-

By doing your own work we get to see what YOU know so everyone can be successful!

1. Be respectful of other learners-

By staying quiet and not distracting others, we make sure everyone can do the best they can!

Problems and Investigations

Measuring Liquid Volume

Today we are going to be measuring liquid volume.

- What kinds of liquids does your family buy at the store? How are they packaged?
- Which holds more, a can of soda or a bottle of water? What about a carton of juice or a jug of milk?
- What unit of measurement do we use for liquid volume?
- Which would you rather have with your breakfast- a cup of milk, a quart of milk, or a gallon of milk? Why?

Student Book Page 115-116

NAME _____

Which Container Is Best? page 1 of 2

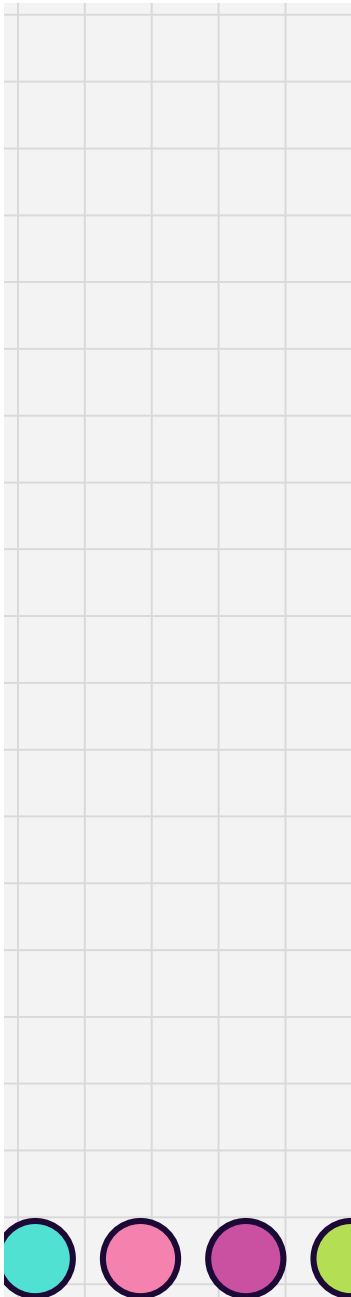
For each problem below:

- Estimate and record which containers you think will hold the amount of water needed. (It's OK if you choose more than one container that might work.)
- Test your estimates using your liquid measuring cups.
- Decide which beverage container actually works best.
- Record your recommendation.

Sarah needs to bring some water for several different activities this week. Help her choose the best container for each activity.

- For a car trip to her grandma's on Monday, Sarah needs to bring about 500 milliliters of water to drink.
 - Estimate: Which of the containers look like they would hold about 500 milliliters?
 - Container _____ holds about 500 milliliters.
- For her track meet on Saturday, Sarah needs to bring about a liter of water to drink.
 - Estimate: Which of the containers look like they would hold about 1 liter? Are there any combinations of two or more containers that might hold 1 liter?
 - Container(s) _____ hold(s) about 1 liter.
- For ballet class on Wednesday, Sarah needs to bring about 800 milliliters of water to drink.
 - Estimate: Which of the containers look like they would hold about 800 milliliters? Are there any two containers that look like they would hold 800 milliliters combined?
 - Container(s) _____ hold(s) about 800 milliliters.

(continued on next page)



Which Container Is Best? page 2 of 2

Last Month

- On the way home from each track meet last month, Sarah bought a 2-liter bottle of juice. How many total milliliters of juice did she drink if there were 6 track meets last month? Show your work.
- Last week Sarah made punch for her friends. The recipe called for 200 milliliters of orange juice, 300 milliliters of cranberry juice, and half a liter of sparkling cider to make enough punch for 4 people. Sarah had 8 people at the party. How much punch did she make? Show your work.
- Two weeks ago, Sarah bought a container of milk that held 2 liters. She drank a 250-milliliter glass of milk every day. How many days did it take her to use the entire container of milk? Show your work.
- Sarah had a cold last month, so she took 5 milliliters of cough syrup every day. Her bottle of cough syrup held 75 milliliters. How many times could she take the cough syrup before the bottle was empty? Show your work.

Daily Practice

Must Do

- Student Book Page 117
- XtraMath

May Do

- 2D Doubles Help
- 3A Round Ball Tens
- 3B Add & Round Tens
- 3C Round Ball Hundreds
- 3D Round & Add Hundreds
- 4A Tic-Tac-Tock

