

Name \_\_\_\_\_

## Estimate and Measure Liquid Volume

**COMMON CORE STANDARD** CC.3.MD.2

Solve problems involving measurement and estimation of intervals of time, liquid measures, and masses of objects.

Estimate how much liquid volume there will be when the container is filled. Write *more than 1 liter*, *about 1 liter*, or *less than 1 liter*.

1. large milk container



**more than  
1 liter**

2. small milk container



\_\_\_\_\_

3. water bottle



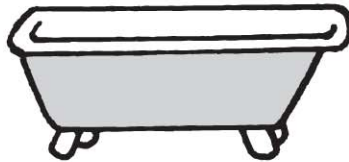
\_\_\_\_\_

4. spoonful of water



\_\_\_\_\_

5. bathtub filled halfway



\_\_\_\_\_

6. filled eyedropper



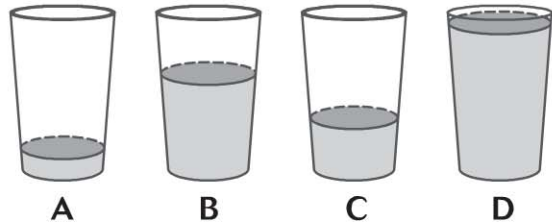
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## Problem Solving **REAL WORLD**

Use the pictures for 7–8. Alan pours water into four glasses that are the same size.

7. Which glass has the most amount of water? \_\_\_\_\_

8. Which glass has the least amount of water? \_\_\_\_\_



**Lesson Check** (CC.3.MD.2)

1. Felicia filled the bathroom sink with water. About how much water does she put in the sink?
  - (A) about 1 liter
  - (B) more than 1 liter
  - (C) a little less than 1 liter
  - (D) much less than 1 liter
2. Kyle needed about 1 liter of water to fill a container. Which container did Kyle most likely fill?
  - (A) a small glass
  - (B) a spoon
  - (C) a large pail
  - (D) a vase

**Spiral Review** (CC.3.OA.5, CC.3.NF.1, CC.3.MD.1, CC.3.MD.4)

3. Cecil had 6 ice cubes. He put 1 ice cube in each glass. In how many glasses did Cecil put ice cubes?
4. Juan has 12 muffins. He puts  $\frac{1}{4}$  of the muffins in a bag. How many muffins does Juan put in the bag?

(Lesson 6.9)

- (A) 6
- (B) 5
- (C) 1
- (D) 0

(Lesson 8.8)



- (A) 2
- (B) 3
- (C) 4
- (D) 5

5. Which is one way to read the time shown on the clock? (Lesson 10.1)



- (A) 4 minutes before 7
- (B) 26 minutes before 11
- (C) 54 minutes after 6
- (D) 56 minutes after 7

6. Julianne drew the line segment below. Use your ruler to measure the segment to the nearest fourth inch. (Lesson 10.6)



- (A)  $\frac{3}{4}$  inch
- (B)  $1\frac{1}{4}$  inches
- (C)  $1\frac{1}{2}$  inches
- (D)  $1\frac{3}{4}$  inches