

MY Homework

Lesson 2

Metric Units of Capacity

Homework Helper



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Thom is making stew for his family. Is it more reasonable to say the capacity of the stew pot is 5 liters or 5 milliliters?

You know that a milliliter is a tiny amount—about the capacity of an eyedropper.

You know that a liter is a greater amount—about the capacity of a large water bottle.

It would not be reasonable to estimate the capacity of a stew pot in milliliters.

So, it would be more reasonable to say the capacity of the stew pot is 5 liters.

Practice

Choose the most reasonable estimate for each capacity.

1. (A) 40 liters
(B) 4 liters
(C) 40 milliliters
(D) 4 milliliters



2. (F) 10 mL
(G) 100 mL
(H) 10 L
(I) 100 L



3. (A) 1 liter
(B) 3 liters
(C) 7 liters
(D) 10 liters



4. (F) 17 mL
(G) 170 mL
(H) 170 L
(I) 17 L



Match each object to its reasonable capacity.

- | | |
|--------------------------|------------------|
| 5. bottle of nail polish | • 300 liters |
| 6. bathtub | • 2 liters |
| 7. large pitcher | • 15 milliliters |



Problem Solving

8. **Mathematical PRACTICE**  **Check for Reasonableness** Emerson needs to use eye drops. Is it reasonable for her to put 1 milliliter of drops in each eye? Explain.

9. Ryan fills his cat's water bowl. Is it reasonable to say he uses 1 milliliter of water? Explain.

10. Identify 2 objects you could find in a grocery store that hold less than 100 milliliters.

Vocabulary Check



Write a vocabulary term to complete each sentence.

liters milliliters

11. The capacity of a baby's bottle would be measured in _____.
12. The capacity of a fish tank would be measured in _____.

Test Practice

13. Which is a reasonable estimate for the capacity of a bottle of mouthwash?
- (A) 1 milliliter (C) 1 liter
- (B) 20 milliliters (D) 20 liters