

MY Homework

Lesson 13

Convert Metric Units of Capacity

Homework Helper



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A cough syrup bottle contains 120 milliliters of cough syrup.
How many liters is 120 milliliters?

Since 1 liter = 1,000 milliliters, divide 120 by 1,000.

$$120 \div 1,000 = 0.12$$

Move the decimal point
3 places to the left.

So, 120 milliliters = 0.12 liter.

The bottle holds 0.12 liter of cough syrup.

Practice

Complete.

1. 6 L = _____ mL

2. 13 L = _____ mL

3. 54,000 mL = _____ L

4. 23,500 mL = _____ L

5. 11,000 mL = _____ L

6. 0.201 L = _____ mL



Problem Solving

7. Yesterday, Audrey drank the liquids shown in the table. How many liters of liquids did she drink in all?

Liquid	Amount
Juice	210 mL
Milk	480 mL
Water	1.2 L

8. One serving of punch is 250 milliliters. Will ten servings fit in a 2-liter bowl? Explain.

9. **Mathematical PRACTICE 1** **Make Sense of Problems** Nara received a measles immunization at Dr. Arroyo's office. The vaccine was measured in cubic centimeters. A cubic centimeter has the same capacity as a milliliter. If the immunization was 3.5 cubic centimeters, how many milliliters was it?

Vocabulary Check



Fill in the blank with the correct word(s) that completes each sentence.

10. The _____ is an appropriate unit to measure the capacity of a hand sanitizer bottle.
11. The _____ is an appropriate unit to measure the capacity of the water in a fountain.

Test Practice

12. A soup bowl can hold about 400 milliliters of soup. A restaurant has 8 liters of vegetable soup. How many bowls of soup can they serve?
- (A) 500 bowls (C) 50 bowls
- (B) 200 bowls (D) 20 bowls