

12. Construct Arguments Tell whether you would use multiplication or division to convert milliliters to liters. Explain your answer.

Sample answer: I would divide by 1,000 to convert milliliters to liters, because 1,000 mL = 1 L.

14. The length of a rectangular garden is 10 yards and its width is 10 feet. What is the perimeter of the garden in feet? 80 feet



16. Higher Order Thinking Suppose you have the three cups shown at the right. List two different ways you can measure exactly 1 liter. Answers will vary. Sample answer: You can measure two 500-mL cups, or you can measure three 300-mL

cups and one 100-mL cup.



Assessment Practice

- **17.** A community center has a swimming pool that holds 29,000,000 milliliters of water. How many liters of water can the pool hold?
 - **(A**) 290,000,000 L
 - **(B)** 2,900,000 L
 - (\mathbf{C}) 290,000 L
 - D 29,000 L

- **18.** There are 1.5 liters of punch in a pitcher. How many milliliters of punch are in the pitcher?
 - (\mathbf{A}) 100 mL
 - B 1,500 mL
 - C 1,000 mL
 - D 15,000 mL

to convert *p* pounds to *o* ounces. Sample answer: $p \times 16 = o$ Pounds 3 64 48 Ounces

> **15.** You are preparing for a breakfast party and need enough milk for 20 people. Each person will drink about 200 milliliters of milk. Which is the better estimate of the amount of milk you should prepare: 400 milliliters or 4 liters? Why?

13. Algebra Complete the following table.

4

Then write an equation that can be used

5

80

6

96

7

112

 $20 \times 200 = 4,000$ mL, so you need 4 L.