Grade 4th Math Worksheet 4 : Measurement of Capacity: Conversions and Operations (Intermediate Level)

Name: _____

Date: _____

Instructions:

- Read each question carefully.
- Circle the correct answer for each question.

Part 1: Convert the following units of capacity.

1. Convert 24 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
2. Convert 5.3 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
3. Convert 13,200 milliliters to liters.
   (1 liter = 1,000 milliliters)
   Answer: _____
4. Convert 8.75 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
5. Convert 7,500 milliliters to liters.
   (1 liter = 1,000 milliliters)
   Answer: _____

Part 2: Solve the word problems.

6. A water bottle holds 750 milliliters of water. How many bottles will you need to fill 10 liters of water?
   Answer: _____

7. A school cafeteria serves 1.2 liters of soup per class. If there are 20 classes, how many liters of soup will the cafeteria need in total?
   Answer: _____

8. A jug contains 8 liters of juice. If you drink 3.5 liters of juice, how many milliliters of juice remain?
   Answer: _____

9. A factory fills 250 milliliters of juice into each bottle. How many bottles can be filled with 6 liters of juice?
   Answer: _____

10. A large water tank holds 40 liters of water. If 15 liters are used to water the garden, how many milliliters of water are left in the tank?
    Answer: _____

Part 3: True or False

11. 1 liter is equal to 100 milliliters.
    (True/False)
    Answer: _____

12. 9 liters is equal to 900 milliliters.
    (True/False)
    Answer: _____

13. 4,000 milliliters is equal to 4 liters.
    (True/False)
    Answer: _____

14. 2.5 liters is the same as 2,500 milliliters.
    (True/False)
    Answer: _____

Part 4: Fill in the blanks.

15. 10 liters = _____ milliliters.
16. 7.8 liters = _____ milliliters.
17. 16,500 milliliters = _____ liters.

18. 0.25 liters = _____ milliliters.

Bonus Challenge!

19. A farmer has 15 liters of milk. He needs to pour it into bottles that each hold 500 milliliters. How many full bottles of milk can the farmer fill?
Answer: _____

--BE THE CHAMPION!--