Grade 4th Math Worksheet 1 : 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 15 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
2. Convert 4.7 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
3. Convert 7,500 milliliters to liters.
   (1 liter = 1,000 milliliters)
   Answer: _____
4. Convert 6.25 liters to milliliters.
   (1 liter = 1,000 milliliters)
   Answer: _____
5. Convert 12,300 milliliters to liters.
   (1 liter = 1,000 milliliters)
   Answer: _____

Part 2: Solve the word problems.

6. A pitcher holds 2.5 liters of water. If you pour 1.8 liters into cups, how much water is left in the pitcher?
   Answer: _____

7. A bottle can hold 500 milliliters of water. How many bottles would you need to hold 5 liters of water?
   Answer: _____

8. A swimming pool contains 25 liters of water. If 7 liters are used every day for cleaning, how many days will the pool be cleaned before it runs out of water?
   Answer: _____

9. A juice container holds 3 liters of juice. If each cup holds 250 milliliters, how many cups of juice can you pour from the container?
   Answer: _____

10. A teacher has 9 liters of paint. She uses 1.5 liters for a class project. How much paint does she have left?
    Answer: _____

Part 3: True or False

11. 1 liter is equal to 1,000 milliliters.
    (True/False)
    Answer: _____

12. 8 liters equals 800 milliliters.
    (True/False)
    Answer: _____

13. 2,400 milliliters is equal to 2.4 liters.
    (True/False)
    Answer: _____

14. 5 liters is equal to 50,000 milliliters.
    (True/False)
    Answer: _____

Part 4: Fill in the blanks.

15. 6 liters = _____ milliliters.
16. 3.75 liters = _____ milliliters.

17. 18,000 milliliters = _____ liters.
18. 0.3 liters = _____ milliliters.

Bonus Challenge!

19. A factory produces 150 milliliters of juice every minute. If the factory runs for 8 hours, how many liters of juice does it produce in total?
(Hint: Convert milliliters to liters after finding the total amount.)
Answer: _____

--BE THE CHAMPION!--