

Grade 4th Math Worksheet 1 : Measurement of Capacity: Conversions and Operations (Advanced Level)

Name: _____

Date: _____

Instructions:

- Read each question carefully.
 - Circle the correct answer for each question.
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Part 1: Convert the following units of capacity.

1. Convert 27.5 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
 2. Convert 12.35 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
 3. Convert 55,200 milliliters to liters.
(1 liter = 1,000 milliliters)
Answer: _____
 4. Convert 7.125 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
 5. Convert 18,600 milliliters to liters.
(1 liter = 1,000 milliliters)
Answer: _____
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Part 2: Solve the word problems.

6. A tanker truck holds 45 liters of fuel. If a gas station receives 18 tanker trucks, how many milliliters of fuel does the gas station receive in total?

Answer: _____

7. A baker bakes 6.75 liters of batter for each batch of cupcakes. If she needs to bake enough cupcakes for 20 batches, how many liters of batter will she need in total?

Answer: _____

8. A water tank can hold 150 liters of water. If 2,300 milliliters of water are used every hour, how many hours will it take to empty the tank completely?

Answer: _____

9. A farm has 500 liters of milk. If each bottle holds 750 milliliters of milk, how many bottles can be filled completely?

Answer: _____

10. A pitcher contains 3.5 liters of lemonade. If each glass holds 200 milliliters, how many full glasses of lemonade can you pour from the pitcher?

Answer: _____

Part 3: Multi-Step Word Problems

11. A factory fills 250 milliliters of juice into each bottle. If the factory produces 1,250 bottles per day, how many liters of juice does the factory produce in 7 days?

(Hint: First, find the total number of milliliters produced in 7 days, then convert to liters.)

Answer: _____

12. A pool holds 1,200 liters of water. If 300 milliliters of water is used every minute for cleaning, how many minutes will it take to empty the pool completely?

Answer: _____

13. A restaurant orders 9 liters of soup. If each serving of soup is 150 milliliters, how many servings can be made from the 9 liters?

Answer: _____

14. A farm has a water tank that holds 20 liters of water. The tank is filled every 3 days. How many liters of water are used by the farm in 10 weeks?

Answer: _____

Part 4: True or False

15. 50 liters of water is equal to 50,000 milliliters.

(True/False)

Answer: _____

16. 0.05 liters is equal to 5 milliliters.

(True/False)

Answer: _____

17. 15,000 milliliters is equal to 1.5 liters.

(True/False)

Answer: _____

18. 25 liters is equal to 250 milliliters.

(True/False)

Answer: _____

Part 5: Fill in the blanks.

19. 3,400 milliliters = _____ liters.

20. 9.6 liters = _____ milliliters.

21. 7,500 milliliters = _____ liters.

22. 5.25 liters = _____ milliliters.

Bonus Challenge!

23. A tank can hold 2,000 milliliters of water. If it takes 4 minutes to fill the tank, how many milliliters of water is added per minute?

Answer: _____

24. A restaurant has 15 liters of soda. If 350 milliliters of soda is served to each customer, how many customers can be served with the 15 liters?

Answer: _____

--BE THE CHAMPION!--