

Grade 4th Math Worksheet 4 : 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 47.2 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
2. Convert 23.65 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
3. Convert 98,700 milliliters to liters.
(1 liter = 1,000 milliliters)
Answer: _____
4. Convert 15.8 liters to milliliters.
(1 liter = 1,000 milliliters)
Answer: _____
5. Convert 32,400 milliliters to liters.
(1 liter = 1,000 milliliters)
Answer: _____

Part 2: Solve the word problems.

6. A water bottle holds 2.4 liters. How many milliliters are there in 5 bottles?
Answer: _____
7. A pool is filled with 350 liters of water. If 7 liters of water are used each day for cleaning, how many days will it take to use up all the water?
Answer: _____
8. A bakery uses 0.9 liters of batter to make one batch of cookies. How many liters of batter are needed to make 50 batches?
Answer: _____
9. A family drinks 2.5 liters of juice per day. How many milliliters of juice does the family drink in 3 weeks?
Answer: _____
10. A tank has 500 liters of water. If 50 liters are used every day, how many milliliters of water will be used in 15 days?
Answer: _____

Part 3: Multi-Step Word Problems

11. A farm needs 3.5 liters of water for each cow every day. If the farm has 120 cows, how many milliliters of water are needed for all the cows in 10 days?
Answer: _____
12. A factory fills 200 milliliters of juice into each bottle. How many liters of juice will the factory produce in 8 hours if it fills 25 bottles every minute?
(Hint: First find the number of bottles produced in 8 hours, then convert to liters.)
Answer: _____
13. A pool holds 2,000 liters of water. If 150 milliliters of water are lost every minute, how many minutes will it take to lose 10 liters of water?
Answer: _____
14. A truck carries 600 liters of water. If it uses 80 milliliters of water per kilometer, how many kilometers can the truck travel before it runs out of water?
Answer: _____
15. A restaurant has 25 liters of soup. If each serving is 350 milliliters, how many servings can be made with the available soup?
Answer: _____
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Part 4: True or False

16. 10 liters is equal to 1,000 milliliters.

(True/False)

Answer: _____

17. 4.5 liters is equal to 450 milliliters.

(True/False)

Answer: _____

18. 25,000 milliliters is equal to 25 liters.

(True/False)

Answer: _____

19. 7 liters is equal to 700 milliliters.

(True/False)

Answer: _____

Part 5: Fill in the blanks.

20. 3.75 liters = _____ milliliters.

21. 6.8 liters = _____ milliliters.

22. 12,000 milliliters = _____ liters.

23. 0.55 liters = _____ milliliters.

Bonus Challenge!

24. A tanker truck holds 1,500 milliliters of fuel. How many trucks are needed to deliver 12,000 milliliters of fuel?

Answer: _____

25. A farm has 1,200 liters of water. If 1,200 milliliters are used each hour to irrigate the crops, how many hours will it take to use up all the water?

Answer: _____
