

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

1. A rectangular water tank is 2 m long, 1 m wide, and 0.5 m high. How many liters can it hold?
2. A tank is 50 cm by 40 cm by 30 cm. How many liters of water does it hold?
3. A tank is $120\text{ cm} \times 50\text{ cm} \times 40\text{ cm}$. How many liters can it hold?
4. A tank is 1.2 m by 0.5 m by 0.4 m. How many liters can it hold?
5. A tank is $3\text{ m} \times 2\text{ m} \times 1\text{ m}$. What is its capacity in liters?
6. A tank holds 500 L. It currently has 275 L. How many more liters are needed to fill it?
7. A tank measures $80\text{ cm} \times 60\text{ cm} \times 50\text{ cm}$. How many liters can it hold?
8. A tank measures $90\text{ cm} \times 40\text{ cm} \times 30\text{ cm}$. What is its capacity in liters?
9. A cubic tank measures 1 m on each side. How many liters does it hold?
10. A tank is 2 m long, 1.5 m wide, and 0.2 m high. How many liters can it hold?
11. A tank is $75\text{ cm} \times 60\text{ cm} \times 20\text{ cm}$. What is its capacity in liters?
12. A tank is $2.5\text{ m} \times 1\text{ m} \times 0.4\text{ m}$. How many liters does it hold?
13. A tank holds 800 L. After using some water, 350 L remain. How many liters were used?
14. A tank is 40 cm on each side (a cube). How many liters does it hold?
15. A tank is $1.5\text{ m} \times 1\text{ m} \times 0.6\text{ m}$. What is its capacity in liters?
16. A tank holds 150 L when full. If it is filled to $\frac{3}{5}$ of its capacity, how many liters are in it?
17. A tank measures $200\text{ cm} \times 50\text{ cm} \times 20\text{ cm}$. How many liters does it hold?
18. A tank is $1.8\text{ m} \times 0.8\text{ m} \times 0.25\text{ m}$. How many liters can it contain?
19. A tank holds 120 L. A hose adds 30 L each hour. How many hours to fill the tank from empty?
20. A tank needs 600 L to fill. A pump adds 50 L per minute. How many minutes will it take?
21. A tank is $45\text{ cm} \times 30\text{ cm} \times 40\text{ cm}$. What is its volume in liters?
22. A tank is $100\text{ cm} \times 60\text{ cm} \times 50\text{ cm}$. How many liters does it hold?
23. A tank is $2\text{ m} \times 0.8\text{ m} \times 0.5\text{ m}$. What is its capacity in liters?
24. A tank holds 420 L of water. It is divided equally into 7 small containers. How many liters does each container get?
25. A tank measures $30\text{ cm} \times 30\text{ cm} \times 100\text{ cm}$. How many liters does it hold?
26. A tank is $1.25\text{ m} \times 0.6\text{ m} \times 0.4\text{ m}$. What is its capacity in liters?
27. A tank holds 1000 L. You use 125 L each day. How many days will the water last?
28. A tank measures $80\text{ cm} \times 75\text{ cm} \times 50\text{ cm}$. How many liters does it hold?
29. A tank is $0.9\text{ m} \times 0.5\text{ m} \times 0.2\text{ m}$. How many liters can it hold?
30. A tank holds 250 L. A leak loses 10 L per hour. How many hours until it is empty from full?
31. A tank is $140\text{ cm} \times 70\text{ cm} \times 40\text{ cm}$. What is its capacity in liters?
32. A tank is $1\text{ m} \times 0.5\text{ m} \times 0.4\text{ m}$. How many liters can it hold?



Math Worksheet for 5th Grade

Volume word problems

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33. A tank holds 720 L. It is filled to one third. How many liters of water are in it?
34. A tank is $60 \text{ cm} \times 50 \text{ cm} \times 150 \text{ cm}$. How many liters does it hold?
35. A tank is $2.2 \text{ m} \times 0.5 \text{ m} \times 0.4 \text{ m}$. What is its capacity in liters?
36. A tank holds 360 L. How many 9-liter buckets are needed to empty it?
37. A tank measures $48 \text{ cm} \times 40 \text{ cm} \times 25 \text{ cm}$. How many liters does it hold?
38. A tank is $1.6 \text{ m} \times 1 \text{ m} \times 0.2 \text{ m}$. What is its capacity in liters?
39. A tank has capacity 100 L and it is $\frac{3}{4}$ full. How many liters are inside?
40. A shallow tank is $2 \text{ m} \times 2 \text{ m} \times 0.3 \text{ m}$. How many liters can it hold?
41. A tank measures $30 \text{ cm} \times 25 \text{ cm} \times 60 \text{ cm}$. What is its volume in liters?
42. A tank is $1.1 \text{ m} \times 0.9 \text{ m} \times 0.5 \text{ m}$. How many liters does it hold?
43. A tank has 250 L capacity. It is 40% full. How many liters are in it?
44. A tank measures $2.5 \text{ m} \times 0.6 \text{ m} \times 0.4 \text{ m}$. What is its capacity in liters?
45. A tank measures $85 \text{ cm} \times 40 \text{ cm} \times 30 \text{ cm}$. How many liters does it hold?
46. A tank needs 900 L to fill. A pump fills at 75 L per minute. How many minutes to fill it?
47. A tank is $40 \text{ cm} \times 40 \text{ cm} \times 125 \text{ cm}$. What is its volume in liters?
48. A tank measures $1.4 \text{ m} \times 0.7 \text{ m} \times 0.5 \text{ m}$. How many liters can it hold?
49. A tank has capacity 360 L. If it is $\frac{1}{4}$ full, how many liters are in it?
50. A tank is $95 \text{ cm} \times 60 \text{ cm} \times 50 \text{ cm}$. What is its capacity in liters?