

# Metric Measures

Q1. Convert the following:

- 1 dm = \_\_\_\_\_ cm
- \_\_\_\_\_ ml = 1 Litre
- 1000 g = \_\_\_\_\_ kg
- 1 kl = \_\_\_\_\_ hl
- \_\_\_\_\_ dag = 1 kg

Q2. Match the following:

4 m 5 dm 2 cm 3 mm	4520 mm
4 m 2 dm 3 mm	4023 mm
4 m 2 cm 3 mm	4523 mm
4 m 5 dm 2 cm	4203 mm

Q3. The capacity of each bucket is given below. Match the buckets with their capacity.



3987 ml



987 cl



217 dl



50 dl 7 cl 6 ml

Q4. If the contents of the two fruit baskets given below are emptied into the big basket, find the weight of the big basket and fill in the blank.



4 kg 5 hg 6 dag 8 g      5 kg 7 hg 9 dag 4 g      \_\_\_\_\_

Q5. Subtract 3 kg 6 hg 5 dag 6 g from 9 kg 4 hg 9 dag 2 g.

Answer: \_\_\_\_\_

Q6. Find the product:

7 km 2 hm 3 dam 8 m  $\times$  4 = \_\_\_\_\_

6 kg 3 hg 9 dag 2 g  $\times$  6 = \_\_\_\_\_

Q7. If 40 KL 3 hL 7 daL 5 L of juice is divided equally in 5 containers, how much juice will be there in each container?

Answer: \_\_\_\_\_

Q8. Fill in the blanks:

a. If Swati bought 2.386 km of cloth, she has actually bought \_\_\_\_\_ metres of cloth.

b. If Raju eats 3628 grams of fruit in a week, we can say that he eats \_\_\_\_\_ kg of fruit in a week.

c. Smita drinks 3 dL 1cL 5 mL of water in a day means that she drinks \_\_\_\_\_ mL of water in a day.

Q9. Divide the following:

	m	dm	cm	mm
9	7	6	5	9

Answer: \_\_\_\_\_

Q10. A packet of sugar contains 235 mg of sugar. How much sugar will be there in 8 such packets? Write the answer in kg.

Answer: \_\_\_\_\_

Q11. 7 bottles of juice fill up a container. If the capacity of the container is 3010 mL, find the capacity of the bottle.

Answer: \_\_\_\_\_

Q12. Rajiv's height is 13.5 cm more than his younger brother Anil. If Anil's height is 137.2 cm, find Rajiv's height.

Answer: \_\_\_\_\_

Q13. Shyam bought two sticks. The lengths of the two sticks are given below. Which is the longer stick and by how much? Write the answer in metres.



Stick A: 1.357 m



Stick B: 1 m 4 dm 3 cm 4 mm

Answer: \_\_\_\_\_

Q14. A jar of pickle containing 2.805 kg was distributed equally among 8 children. How much pickle was still left in the jar? Write the answer in grams.

Answer: \_\_\_\_\_

Q15. Jyoti wants to make a refreshing drink using lemon juice, orange juice and sugar syrup. Find the amount of sugar syrup that she put in the drink and write in the box given below:



0.125 L

+



0.243 L

+



\_\_\_\_\_ L

=



0.403 L

## ANSWERS

1. a. 10  
b. 1000  
c. 1  
d. 10  
e. 100

2.

4 m 5 dm 2 cm 3 mm	4523 mm
4 m 2 dm 3 mm	4203 mm
4 m 2 cm 3 mm	4023 mm
4 m 5 dm 2 cm	4520 mm



4. 10 kg 3 hg 6 dag 2 g
5. 5 kg 8 hg 3 dag 6 g
6. a. 28 km 9 hm 5 dam 2 m  
b. 38 kg 3 hg 5 dag 2 g
7. 8 kL 7 daL 5 L juice
8. a. 2386 m  
b. 3.628 kg  
c. 315 mL
9. 8 dm 5 cm 1 mm

10. 1.880 kg
11. 430 mL
12. 150.7 cm
13. Stick B is longer by 0.059 m.
14. 5 gm pickle is left.
15. 0.035 L