Name : - _____   Std.:- V - _____

Roll No. :-_____   Term-2 Worksheet no. 2   Date : - _____

Chapter:- 8 Measurement   16 Volume

Q. 1) Choose the correct option.

1. To convert 70 cm into m, we divide it by _____
   a) 10   b) 1000   c) 100
2. Quantity of juice in a glass.

   a) less than 1L   b) about 1 L   c) more than 1 L.

3. 18 m is equal to _____.

   a) 1800 cm   b) 180 cm   c) 18000 cm
4. 1 ml = ____cm^3
   a) 10   b) 1   c) 100
5. The edge of a cube is _____ cm, if its volume is 343 cm^3
   a) 6   b) 7   c) 8
6. A _____ is simple closed plane figure made up 6 line segments.
   a) Pentagon   b) Hexagon   c) Triangle

Q.2)   Fill in the blanks:

1. The quantity of a liquid that a container can hold is called its _____
2. The _____ is the amount of space a solid takes up or encloses.
3. The volume of a cube = _____ × _____ × _____
4. The standard unit of measuring length is _____.
5. Liquids are usually measured in _____ and _____.
6. A tank has a capacity of 2000 litres, which is equal to _____ kilolitres.

Q.3) Write "T" for True and "F" False statements.

1. The volume of a solid object is measured in cubic units.   _____
2. The capacity of a bucket can be measured in litres.   _____
3. Volume changes when the shape of an object changes.   _____
4. 500 millilitres is more than 1 litre.   _____
5. Length is measured in litres.   _____
6. To convert higher units of length to lower units, we divide   _____

Q.4) Find the volume of each solid.

1)

5 cm
3 cm
8 cm

2)

4 cm
2 cm
12 cm

3)

11 cm
11 cm
11 cm

Q.5) Compare the given measurements. (>, < or =)

1. 27 km ……… 2700 m
2. 8570 g ………. $8\frac{1}{2}$ kg
3. 2200 cm ………. 22 m
4. 386 mm … …. 300 mm
5. 57 kg ……. 5936 g
6. 108 g ………. 11800 cg

Q.6) Solve the following

a) Express 8 litres in cubic centimetre.	b) Express $\frac{5}{7}$ L in cL
c) 125 kg 400 g – 112 kg 650 g	d) 44 L 325 mL + 65 L 811 mL

Q.7) Word problems.

1) A milkman had 25 L of milk. He sold 12 L 750 mL in the morning and 8 L 875 mL in the evening. How much milk is left?

2) A rectangular wall 27 m long, 60 cm thick and 4 m high is to be built. If cube-shaped bricks of side 30 cm each are used, how many bricks will be required to build the wall?

3) A jug can hold 3 L 500 mL of water. How many 750 mL glasses can be filled completely from the jug? How much water will remain?

4) A shopkeeper has 20 kg 500 g of sugar. He packs it equally into 5 bags.   How much sugar is there in each bag?

5) There is a flowerbed 80 cm long , 40 cm wide and 2 cm deep in Shruti's garden. Find the volume of the soil the gardener dug out to make the bed.