

## CHAPTER : 8 MEASUREMENT

### Fill in the blanks:-

1. The standard unit of measuring length is \_\_\_\_\_.
2.  $1\text{m} =$  \_\_\_\_\_  $\text{cm}$ .
3.  $1\text{km} =$  \_\_\_\_\_  $\text{m}$ .
4.  $9\text{km} =$  \_\_\_\_\_  $\text{m}$ .
5.  $25\text{m} =$  \_\_\_\_\_  $\text{cm}$ .
6.  $\frac{1}{2}\text{m} =$  \_\_\_\_\_  $\text{cm}$ .
7.  $\frac{1}{4}\text{km} =$  \_\_\_\_\_  $\text{m}$ .
8.  $\frac{3}{4}\text{km} =$  \_\_\_\_\_  $\text{m}$ .
9.  $\frac{1}{2}\text{km} =$  \_\_\_\_\_  $\text{m}$ .
10.  $\frac{1}{4}\text{m} =$  \_\_\_\_\_  $\text{cm}$ .
11.  $\frac{3}{4}\text{m} =$  \_\_\_\_\_  $\text{cm}$ .
12. The standard unit of measuring weight (mass) is \_\_\_\_\_.
13.  $1\text{kg} =$  \_\_\_\_\_  $\text{g}$ .
14.  $\frac{1}{2}\text{kg} =$  \_\_\_\_\_  $\text{g}$ .
15.  $\frac{1}{4}\text{kg} =$  \_\_\_\_\_  $\text{g}$ .
16.  $\frac{3}{4}\text{kg} =$  \_\_\_\_\_  $\text{g}$ .
17. The standard unit of measuring capacity is \_\_\_\_\_.
18.  $1\text{l} =$  \_\_\_\_\_  $\text{ml}$ .
19.  $500\text{ml} =$  \_\_\_\_\_  $\text{l}$ .
20.  $250\text{ml} =$  \_\_\_\_\_  $\text{l}$ .
21.  $2\text{l} =$  \_\_\_\_\_  $\text{ml}$ .
22.  $3\frac{1}{2}\text{l} =$  \_\_\_\_\_  $\text{ml}$ .
23.  $5000\text{ml} =$  \_\_\_\_\_  $\text{l}$ .
24.  $750\text{ml} =$  \_\_\_\_\_  $\text{l}$ .

### Do the following

1. Draw the line segments of the following lines.
  - a)  $8\text{cm}$
  - b)  $4\text{cm}$
  - c)  $6\frac{1}{2}\text{cm}$
  - d)  $10\text{cm}$
  - e)  $5\frac{1}{2}\text{cm}$
  - f)  $14\text{cm}$
2. Express in m.
  - a)  $100\text{cm}$
  - b)  $250\text{cm}$
  - c)  $720\text{cm}$
  - d)  $400\text{cm}$
  - e)  $613\text{cm}$
  - f)  $310\text{cm}$

3. Express in cm

- |            |            |             |
|------------|------------|-------------|
| a) 5m 50cm | b) 6m 18cm | c) 9m       |
| d) 4m 25cm | e) 7m 3cm  | f) 10m 50cm |

4. Express in km

- |          |          |          |
|----------|----------|----------|
| a) 4652m | b) 3072m | c) 1961m |
| d) 8406m | e) 5500m | f) 9000m |

5. Express in m

- |                      |                      |        |
|----------------------|----------------------|--------|
| a) 2km               | b) $6\frac{1}{2}$ km | c) 7km |
| d) $3\frac{1}{2}$ km | e) $8\frac{1}{2}$ km | f) 5km |

6. Meenu walked 640m from her house to her school and back again. What distance did she walk in all?

7. Raju cycled 10 times around a garden that had a path of length 300m. How many km he cycled?

8. Express in litres

- |            |            |            |
|------------|------------|------------|
| a) 2000 ml | b) 2450 ml | c) 1040 ml |
| d) 2500 ml | e) 5370 ml | f) 7000 ml |

9. Express in milliliters

- |                     |         |                     |
|---------------------|---------|---------------------|
| a) 11 l             | b) 3 l  | c) $5\frac{1}{4}$ l |
| d) $9\frac{1}{4}$ l | e) 12 l | f) $7\frac{1}{2}$ l |

10.

- a) How many ml in two spoonfuls of medicine that hold 5ml each?
- b) Three large mugs of soup, each holding  $\frac{1}{2}$  l is poured into a bowl. How much soup is poured into the bowl?
- c) One glass of water holds 200ml. How many ml in 6 such glasses?

11. Express in kg

- |          |          |          |
|----------|----------|----------|
| a) 3700g | b) 5700g | c) 6250g |
| d) 2940g | e) 1260g | f) 9300g |

12. Express in g

a) 6kg

b)  $1\frac{3}{4}$  kg

c)  $5\frac{1}{4}$  kg

d)  $3\frac{1}{2}$  kg

e) 8kg

f)  $4\frac{1}{2}$  kg

13. Mrs Khan is making vegetable salad . She uses 1kg cucumber ,  $\frac{1}{2}$  kg cabbage , 1kg carrot and  $\frac{1}{2}$  kg tomato. What is the weight of the fruit salad?

14. You have a packet of cornflour that weights 250g. How many such packets would you need to make 1kg?

15. If Afnan gains 6 kg, he will be 50kg. What is his weight now?