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CLASS- 4

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SUB- MATHS


S.T-PRAGYA

BASED ON N.C.E.R.T PATTERN

CH- METRIC MEASURES

SEE EXAMPLE CAREFULLY:-

container ?




MEASUREMENT OF LENGTH, MASS AND CAPACITY

We can also write the smaller units in decimal numbers by converting all sub units into the standard units.

1 kilogram = 1000 g **1 mg = $\frac{1}{1000}$ g**

- 2 kilograms 500 g 12 mg is written in g as.
 $2000 \text{ g} + 500 \text{ g} + \frac{12}{1000} \text{ g} = 2500 \text{ g} + 0.012 \text{ g} = 2500.012 \text{ g}$
- 7 dal 4 l 5dl 7 cl 2 ml can be written in l as.
 $70 \text{ l} + 4 \text{ l} + \frac{5}{10} \text{ l} + \frac{7}{100} \text{ l} + \frac{2}{1000} \text{ l} = 74 \text{ l} + 0.5 \text{ l} + 0.07 \text{ l} + 0.002 \text{ l}$
 $= 74.572 \text{ l}$



Convert 5153275 mg into kg, g and mg.

Solution :

$$5153275 \text{ mg} = 5153275 \times \frac{1}{1000} \text{ g} = 5153 \text{ g } 275 \text{ mg}$$
$$= (5153 \times \frac{1}{1000} \text{ kg}) + 275 \text{ mg} = 5 \text{ kg } 153 \text{ g } 275 \text{ mg}$$

PRACTICE – SHEET

Convert the following :-

- a. 7450 m into km and m
- b. 3095 cm into m and cm
- c. 5085 ml into l and ml
- d. 12827 g into kg and g.
- e. 2536 mg into g, cg and mg