

ASSIGNMENT – 7

STD IV

MATHEMATICS

CHAPTER 11

MEASUREMENT

Do the following assignment in your Maths copy.

1. Arrange in column and add:

Eg. 217 l 887 ml , 56 l 57 ml and 5 l 5 ml
217 l 887 ml , 56 l 057 ml and 5 l 005 ml

$$\begin{array}{r} \text{l} \qquad \qquad \text{ml} \\ \textcircled{1} \qquad \qquad \textcircled{1} \textcircled{1} \\ 217 \quad 887 \\ 56 \quad 057 \\ + \quad 5 \quad 005 \\ \hline 278 \quad 949 \end{array}$$

Ans. 278 l 949 ml

- a) 7 m 62 cm , 12 m 45 cm
- b) 25 kg 427 g , 3 kg 18 g and 23 kg 110 g
- c) 50 l 630 ml , 21 l 892 ml , 9 l 360 ml

2. Add the following after conversion:

Eg. 12 kg 425 g , 21 kg 742 g , 8 kg 450 g
 $12 \text{ kg } 425 \text{ g} = 12 \times 1000\text{g} + 425 \text{ g}$
 $= 12000 \text{ g} + 425 \text{ g}$
 $= 12425 \text{ g}$

$$\begin{aligned}
21 \text{ kg } 742 \text{ g} &= 21 \times 1000\text{g} + 742 \text{ g} \\
&= 21000 \text{ g} + 742 \text{ g} \\
&= 21742 \text{ g}
\end{aligned}$$

$$\begin{aligned}
8 \text{ kg } 450 \text{ g} &= 8 \times 1000\text{g} + 450 \text{ g} \\
&= 8000 \text{ g} + 450 \text{ g} \\
&= 8450 \text{ g}
\end{aligned}$$

$$\begin{array}{r}
\textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \\
1 \quad 2 \quad 4 \quad 2 \quad 5 \\
2 \quad 1 \quad 7 \quad 4 \quad 2 \\
+ \quad \underline{8 \quad 4 \quad 5 \quad 0} \\
\underline{4 \quad 2 \quad 6 \quad 1 \quad 7}
\end{array}$$

Ans. 42617 g or 42 kg 617 g

a) 8 cm 2 mm and 5 cm 6 mm

b) 34 kg 105 g , 47 kg 796 g and 10 kg 635 g

3. Arrange in column and subtract :

Eg 1. 6 dam 189 cm from 52 dam 612 cm

$$\begin{array}{r}
\text{dam} \qquad \qquad \text{cm} \\
\textcircled{4} \textcircled{12} \qquad \textcircled{5} \textcircled{10} \textcircled{12} \\
\cancel{5} \quad \cancel{2} \qquad \cancel{6} \quad \cancel{1} \quad \cancel{2} \\
- \quad \underline{6 \qquad 1 \quad 8 \quad 9} \\
\underline{4 \quad 6 \qquad 4 \quad 2 \quad 3}
\end{array}$$

Ans. 46 dam 423 cm

Eg 2. 325 m from 6 km (Hint : Convert 6 km to m)

$$1 \text{ km} = 1000 \text{ m}$$

$$6 \text{ km} = 6 \times 1000 \text{ m}$$

$$= 6000 \text{ m}$$

$$\begin{array}{r} \textcircled{5} \textcircled{9} \textcircled{9} \textcircled{10} \\ \cancel{6} \cancel{0} \cancel{0} \cancel{0} \\ - \quad \underline{3 \quad 2 \quad 5} \\ \underline{5 \quad 6 \quad 7 \quad 5} \end{array}$$

Ans. 5675 m or 5 km 675 m

a) 85 kg 405 g from 96 kg 100 g

b) 8 mm from 6 cm (Hint: Convert 6 cm to mm)

c) 600 ml from 2 l (Hint: Convert 2 l to ml)