

# Ch-16

## Measurement (Worksheet)

A. FILL in the Blanks :

1. The standard unit of measuring mass is Gram.
2.  $50 \text{ hm} = \underline{500 \text{ m}}$
3. To convert a higher unit to lower unit we multiply by 10, 100 or 1000.
4.  $9 \text{ } \textcircled{0} \text{ } 15 \text{ kg}$  can be written as 9015 g
5.  $0.375 \text{ L} = \underline{375 \text{ ml}}$

B. Do as directed -

1. Multiply  $159 \text{ g}$  by 8 and write the answer in kg.

Ans -

$$\begin{array}{r} \textcircled{9} \textcircled{7} \\ 159 \\ \times \quad 8 \\ \hline 1272 \end{array}$$

Ans = 1.272 kg.

2. Find by how much  $36.594 \text{ g}$  less than  $123 \text{ kg}$  ?

$$\begin{array}{r} \textcircled{1} \textcircled{2} \textcircled{3} \textcircled{0} \textcircled{0} \textcircled{0} \textcircled{10} \\ 123.000 \\ - 36.594 \\ \hline 86.406 \end{array}$$

Ans, 86.406 kg.

(Answer),  
C. Solve the word problems.

1. Weight of frozen vegetable box = 144.780

No of packets = 15

Weight of each packet =  $144.780 \div$

$$15 = \underline{9.652 \text{ kg}}$$

$$\begin{array}{r} 9.652 \\ 15 \overline{) 144.780} \\ \underline{-135} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 009 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \underline{-90} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 78 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \underline{-75} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 30 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \underline{-30} \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ 0 \phantom{0} \phantom{0} \phantom{0} \phantom{0} \end{array}$$

First: So, The weight each packet is 9.652 kg  
2) Joy's mother travelling everyday by a distance of  $\approx 9.325 \text{ km}$

More distance covered by Joy's mother

$$= 2.075 \text{ km}$$

a) Total distance covered by Joy's mother to  
the drop the children to the school =

$$4.325 + 2.075 = 6.400 \text{ km}$$

$$\begin{array}{r} \phantom{00} \\ 4.325 \\ + 2.075 \\ \hline 6.400 \end{array}$$

so, total distance covered by Joy's mother  
is 6.400 km.

b)

- Saving fuel.
- Saving Ruppees.
- Controll pollution.