

Chapter- 16

# Measurement

WORKSHEET

**A. FILL IN THE BLANKS:**

1. The standard unit of measuring mass is gram.
2. 50 hm = 5000 m.
3. To convert a higher unit to lower unit we multiply by 10, 100 or 1000.
4. 9.015 kg can be written as 9015 g.
5. 0.375 L = 375 mL

**B. DO AS DIRECTED:**

1. Multiply 159 g by 8 and write the answer in kg.

Ans. 
$$\begin{array}{r} 159 \\ \times 8 \\ \hline 1272g \end{array}$$
 Ans 1.272 kg

~~Ans 1272g~~

2. Find by how much 36.594 g is less than 123 kg?

Ans. 
$$\begin{array}{r} 123.000 \\ - 36.594 \\ \hline 86.406 \end{array}$$

C. SOLVE THE WORD PROBLEMS

1. A box of frozen vegetables weighing 144 kg 780 g was delivered at a grocery shop. If there were 15 packets of equal weight inside the box, what was the weight of each packet?

Ans. <sup>15 packets</sup> The weight of ~~the~~ box of the frozen vegetables = 144 kg 780 g

$$\text{The weight of each packet} \\ = 144.780 \div 15 = 9.652$$

2. Joy stays in Kalarahanga. His mother drops him to school every day by travelling a distance of 4 km 325 m. One day his mother's friend Mrs. Lisa visited their house. After a while they came to know that her daughter Anna also studies in Joy's school. Then they decided to do carpooling. Joy's mother has to travel 2 km 075 m more to drop the children to school.

- a. How much distance will Joy's mother travel to drop the children to the school  
b. Write any 3 advantages of carpooling.

Ans. Total travel distance required to drop Joy to school alone = 4.325 km

Total distance required to drop both Joy and Anna = 4.325 + 2.075 km + 4.325

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

\*\*\*\*\*  
Therefore the total distance Joy's mother had to travel

6.400 km.

- The three advantage of carpooling is -
1. We can save petrol
  2. There will be less pollution.
  3. There will be less traffic.