

Chapter- 16

Measurement

WORKSHEET

A. FILL IN THE BLANKS:

1. The standard unit of measuring mass is Gram.
2. 50 hm = 500 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.

$$\begin{array}{r}
 159 \\
 \times 8 \\
 \hline
 1272
 \end{array}$$

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Ans → 1.272 Kg

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

Ans₂

$$\begin{array}{r}
 123\overset{2}{0}\overset{9}{0}\overset{9}{0}.\overset{9}{0}\overset{9}{0} \\
 - 36.594 \\
 \hline
 122.963.406
 \end{array}$$

Ans → 122963.406g

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. Weight of frozen vegetables box = 144 Kg 780g
 Total packets inside the box = 15 packets
 Weight of each packet = $144\text{ Kg } 780\text{g} \div 15 =$
 9 Kg 652 g

Hence, the weight of each box is 9 Kg
 652 g

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. Distance from the house to school = 4.325 Km
 More distance need to travel = 2.075 Km

a) Total distance need to travel to drop both the children = 6 Km 4 m

b) i) Car pooling save fuel

ii) It saves money.
