

Ch-16

Measurement

WORKSHEET

All the standard unit of measuring
mass is gram.

$$2. 50 \text{ km} = \underline{50000} \text{ m}$$

3. To convert a higher unit to
lower unit, we multiply by 10,000
or 1000

4. 9.015 kg can be written as 9015 g

$$5. 0.375 \text{ L} = \underline{375} \text{ ml}$$

$$\begin{array}{r}
 \text{B.1. } 1 \overset{\textcircled{4}}{9} \overset{\textcircled{8}}{9} \\
 \underline{ } } \\
 1 \ 2 \ 4 \ 3
 \end{array}$$

Ans - 1 - 2 43 kg

2. $123 \text{ kg} = 123,000 \text{ g}$

~~$123000 - 30594$~~

~~$123000 - 30594$~~

$$\begin{array}{r}
 1 \quad 2 \quad 3 \quad \textcircled{4} \quad \textcircled{5} \quad \textcircled{6} \quad \textcircled{7} \quad \textcircled{8} \quad \textcircled{9} \\
 \quad \textcircled{4} \quad \textcircled{5} \quad \textcircled{6} \quad \textcircled{7} \quad \textcircled{8} \quad \textcircled{9} \\
 \hline
 1 \quad 2 \quad 2 \quad 7 \quad 6 \quad 3 \quad - \quad 4 \quad 0 \quad 6
 \end{array}$$

∴ 123 kg is more by 122,963,406 g

C.1. Weight of a box of frozen

veggies = 144 kg 780g

No. of packets in the box = 15

Weight of each packet

$$29652 \text{ kg}$$

So, the weight
of each packet
is 9.652 kg .

2. Distance Joy's Mother

$$\text{travelled} = 4.325 \text{ km}$$

Distance Joy's Mother

has to travel

after doing carpooling

$$= 2.075 \text{ km}$$

$$\text{Total Distance} = 6.4 \text{ km}$$

∴ So she has to travel
 $6 \text{ km} \cdot 400 \text{ m}$ now.

$$\begin{array}{r} 9.652 \\ 19 \overline{) 144.700} \\ \underline{- 135} \\ 97 \\ \underline{- 90} \\ 78 \\ \underline{- 75} \\ 30 \\ \underline{- 30} \\ 0 \end{array}$$

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

b. Three advantages of carpooling

are:

- Reduction in Air pollution
- Less noise pollution
- Fewer traffic jam