



Class-5

Subject-Mathematics

Chapter-11

Measurement

Lecture-10

Creative Question

1. Mahin goes to school on foot in 25 minutes walking 20 meters per minutes.
 - a. What is the distance from his house to school?
 - b. How much time will he take if he walks 25 m per minutes?
 - c. Convert the distance from house to school in km.
2. Mr. Jalal bought 4.5 kg rice, 9 hg of vegetables and 2100 g of fish.
 - a. Write 9 hg in kg.
 - b. Write 2100 g in kg.
 - c. How many kg of items did he buy?

Solution:

a) In 1 minute Mahin can walk = 20 m

$$\begin{aligned}\therefore \text{“ 25 “ “ “ “ “} &= (20 \times 25) \text{ m} \\ &= 500 \text{ m}\end{aligned}$$

\therefore The distance from Mahin's house to school = 500 m

Ans: 500 m.

b) From 'a' we get,

The distance from Mahin's house to school = 500 m

Now,

Mahin can walk 25m in 1 minute

∴ Mahin can walk 500m in $(500 \div 25)$ minutes

= 20 minutes

Ans: 20 minutes.

c) From 'a' we get,

The distance from Mahin's house to school

= 500 m

= $(500 \div 1000)$ km [$\because 1\text{m} = \frac{1}{1000}$ km]

= 0.5 km

Ans : 0.5 km.

2.a) Here, 9 hg = $(9 \div 10)$ kg [$\because 1\text{hg} = \frac{1}{10}$ kg]

= 0.9 kg

Ans: 0.9 kg.

b) Here, 2100 g = $(2100 \div 1000)$ kg [$\because 1\text{g} = \frac{1}{1000}$ kg]

= 2.1 kg

Ans: 2.1 kg.

c) Here,

$$\text{Rice} = 4.5 \text{ kg}$$

$$\text{Vegetables} = 9 \text{ hg}$$

$$= (9 \div 10) \text{ kg} [\because 1 \text{ hg} = \frac{1}{10} \text{ kg}]$$

$$= 0.9 \text{ kg}$$

$$\text{Fish} = 2100 \text{ g}$$

$$= (2100 \div 1000) \text{ kg} [\because 1 \text{ g} = \frac{1}{1000} \text{ kg}]$$

$$= 2.1 \text{ kg}$$

$$\therefore \text{Mr. Jalal bought in total} = (4.5 + 0.9 + 2.1) \text{ kg}$$

$$= 7.5 \text{ kg}$$

Ans : 7.5 kg.