

Multiplying Fractional Number (Word Problem)



Let us understand with some examples:

Examples 1: Rahul and his sister ate $\frac{2}{5}$ of 25 chocolates. How many chocolates did they not eat?

Solution: Total number of chocolates = 25

$$\text{Number of chocolates they ate} = \frac{2}{5} \times 25 = 10$$

$$\text{Number of chocolates they did not eat} = 25 - 10 = 15$$

Example 2: Pearl bought $7\frac{1}{2}$ kg apples. $\frac{1}{5}$ of them were green. Find the weight of green apples.

Solution: Total weight of apples bought = $7\frac{1}{2}$ Kg

$$\text{Weight of green apples} = \frac{1}{5} \times 7\frac{1}{2}$$

$$= \frac{1}{5} \times \frac{15}{2}$$

$$= \frac{3}{2} \text{ Kg}$$

= $1\frac{1}{2}$ kg of apples was green.