



Fractions Ex 2.3 Q9

**Answer :**

$$6 \frac{1}{4} \text{ kg} = \frac{(6 \times 4) + 1}{4} \text{ kg}$$

$$\Rightarrow \frac{25}{4} \text{ kg}$$

Cost of  $\frac{25}{4}$  kg of apples = Rs. 400

$$\text{Cost of 1 kg of apples} = 400 \div \frac{25}{4} = 400 \times \frac{4}{25} = \text{Rs. 64}$$

Fractions Ex 2.3 Q10

**Answer :**

$$\text{Cost of 1 orange} = \text{Rs } 5 \frac{1}{4} = \frac{(5 \times 4) + 1}{4} = \text{Rs } \frac{21}{4}$$

$$\text{Number of oranges sold} = 630 \div \frac{21}{4}$$

$$\Rightarrow \cancel{630}^{30} \times \frac{4}{\cancel{21}} = 120$$

$\therefore$  12 oranges = 1 dozen

$$\therefore 120 \text{ oranges} = \frac{120}{12} = 10 \text{ dozen}$$

Fractions Ex 2.3 Q11

**Answer :**

$$\text{Number of students in the school} = \frac{\text{Total amount of milk distributed per day}}{\text{Amount of milk given to one student}}$$

$$= 30 \div \frac{3}{10}$$

$$= \cancel{30}^{30} \times \frac{10}{\cancel{3}}$$

$$= 100$$

Fractions Ex 2.3 Q12

**Answer :**

$$\text{Number of tickets sold} = \frac{\text{Total amount of money collected}}{\text{Price of one ticket}}$$

Price of one ticket:

$$50 \frac{3}{4} \Rightarrow \frac{(50 \times 4) + 3}{4}$$
$$\Rightarrow \text{Rs } \frac{203}{4}$$

$$\text{Number of tickets sold} = 6496 \div \frac{203}{4}$$

$$\Rightarrow \cancel{6496}^{32} \times \frac{4}{\cancel{203}}$$

$$\Rightarrow 128$$

\*\*\*\*\* END \*\*\*\*\*