



Fractions Ex 2.2 Q13

Answer :

Total amount of sugar in the bag = 30 kg

$$\frac{2}{3} \text{ of } 30 \text{ kg} = \frac{2}{3} \times 30 = 20 \text{ kg}$$

$$\Rightarrow \text{Amount of sugar consumed} = 20 \text{ kg}$$

Sugar left in the bag = Total amount of sugar in the bag – Amount of sugar consumed

$$\text{Sugar left in the bag} = 30 - 20 = 10 \text{ kg}$$

Fractions Ex 2.2 Q14

Answer :

$$6\frac{2}{3} \text{ m} = \frac{(6 \times 3) + 2}{3} \text{ m}$$

$$\Rightarrow 6\frac{2}{3} \text{ m} = \frac{20}{3} \text{ m}$$

Area of square = Side \times Side

$$\text{Area of square} = \frac{20}{3} \times \frac{20}{3}$$

$$\Rightarrow \text{Area of square} = \frac{400}{9} \text{ m}^2 = 44\frac{4}{9} \text{ m}^2$$

Fractions Ex 2.2 Q15

Answer :

$$\frac{3}{5} \text{ of } 45 = \frac{3}{5} \times 45 = 27$$

Therefore, 27 students are boys.

Number of girls = Total number of students in the class – Number of boys

$$\text{Number of girls} = 45 - 27 = 18$$

Therefore, 18 students are girls.

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