Percentage Ex 11.4 Q1

Answer :

(i) 7% of Rs. 7150 = (7/100) × 7150 = 50050/100 = Rs. 500.50

(ii) 40% of 400 kg = (40/100) × 400 = 16000/100 = 160 kg

(iii) 20% of 15.125 litres = (20/100) × 15.125 = 302.5/100 = 3.025 litres

(iv) $3\frac{1}{3}\% = \frac{10}{3 \times 100} \times 90 = 3$ km

(v) 2.5% of 600 metres = (2.5/100) × 600 = 1500/100 = 15 metres

Percentage Ex 11.4 Q2

Answer :

Let the number be x.

$$12\frac{1}{2}\% \text{ of } x = 64$$

$$\frac{25}{2} \div 100 \times x = 64$$

$$\frac{25 \times x}{2 \times 100} = 64$$

$$25 \times x = 64 \times 2 \times 100$$

$$x = \frac{64 \times 2 \times 100}{25} = 512$$

********** END *********