



Percentage Ex 11.4 Q1

Answer :

- (i) 7% of Rs. 7150 = $(7/100) \times 7150 = 50050/100 = \text{Rs. } 500.50$
- (ii) 40% of 400 kg = $(40/100) \times 400 = 16000/100 = 160 \text{ kg}$
- (iii) 20% of 15.125 litres = $(20/100) \times 15.125 = 302.5/100 = 3.025 \text{ litres}$
- (iv) $3\frac{1}{3}\% = \frac{10}{3 \times 100} \times 90 = 3 \text{ km}$
- (v) 2.5% of 600 metres = $(2.5/100) \times 600 = 1500/100 = 15 \text{ metres}$

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 *****