



Percentage Ex 11.5 Q2

**Answer :**

Let the percentage equivalent to  $\frac{3}{8}$  be  $x$ .

$$\text{Then, } x\% = \frac{3}{8}$$

$$\Rightarrow x/100 = \frac{3}{8}$$

$$\Rightarrow x = \frac{3 \times 100}{8} = 37.5$$

Therefore,  $\frac{3}{8} = 37.5\%$ .

Percentage Ex 11.5 Q3

**Answer :**

Let the number be  $x$ .

$$(i) 4\% \text{ of } x = 8$$

$$\Rightarrow (4/100) \times x = 8$$

$$\Rightarrow x = 800/4 = 200$$

$$(ii) 60\% \text{ of } x = 6$$

$$\Rightarrow (60/100) \times x = 6$$

$$\Rightarrow x = 600/60 = 10$$

$$(iii) 30\% \text{ of } x = 6$$

$$\Rightarrow (30/100) \times x = 6$$

$$\Rightarrow x = 600/30 = 20$$

$$(iv) 25\% \text{ of } x = 12$$

$$\Rightarrow (25/100) \times x = 12$$

$$\Rightarrow x = 1200/25 = 48$$

