



Percentage Ex 12.2 Q4

Answer :

Let his monthly income be Rs x .

Then, 15% of $x = 150$

$$\Rightarrow \frac{15}{100} x = 150$$

$$\Rightarrow x = \frac{150 \times 100}{15}$$

$$= 1000$$

\therefore His monthly income is Rs 1000.

Percentage Ex 12.2 Q5

Answer :

Let x be the total number of marks of the examination.

Then, 86.875% of $x = 695$

$$\Rightarrow \frac{86.875}{100} x = 695$$

$$\Rightarrow x = \frac{695 \times 100}{86.875}$$

$$= 800$$

\therefore The total number of marks of the examination is 800.

Percentage Ex 12.2 Q6

Answer :

Let the school opened for x days in the given year.

We have :

$$90\% \text{ of } x = 216$$

$$\Rightarrow \frac{90}{100} x = 216$$

$$\Rightarrow x = \frac{216 \times 100}{90}$$

$$= 240$$

\therefore The school opened for 240 days in the given year.

***** END *****