



Percentage Ex 11.6 Q7

Answer :

Aman's marks in CBSE XII = 410/500

Percentage of marks obtained by Aman = $(410/500) \times 100 = 82$

Anish's marks in CBSE IX = 536/600

Percentage of marks obtained by Anish = $(536/600) \times 100 = 89.33$

So, Anish's performance (89.33%) is better than Aman's (82%).

Percentage Ex 11.6 Q8

Answer :

Marks obtained by Rahim in mathematics = 60/75

Percentage of marks obtained by Rahim = $(60/75) \times 100 = 80$

That is, 80%.

Percentage Ex 11.6 Q9

Answer :

Let the number of apple trees be 'x'.

Number of trees in the orchard = 240

Number of apple trees = $16\frac{2}{3}\%$ of x

According to the given condition,

$$16\frac{2}{3}\% \text{ of } 240 = x$$

$$\Rightarrow \left(\frac{50}{3} \div 100\right) \times 240 = x$$

$$\Rightarrow \frac{50 \times 240}{3 \times 100} = x$$

$$\Rightarrow x = 40$$

Number of other types of trees = Total number of trees - number of apple trees = 240 - 40 = 200 trees

***** END *****