



Operations on Whole Numbers Ex 4.3 Q11

Answer :

If the product of two whole numbers is zero, then it means that either one of them is zero or both of them are zero.

Operations on Whole Numbers Ex 4.3 Q12

Answer :

There are two numbers which when multiplied with themselves give the same numbers.

(i) $0 \times 0 = 0$

(ii) $1 \times 1 = 1$

Operations on Whole Numbers Ex 4.3 Q13

Answer :

Number of large buildings = 22

Number of small buildings = 15

Number of floors in 1 large building = 10

Number of apartments on 1 floor = 2

\therefore Total apartments in 1 large building = $10 \times 2 = 20$

Similarly,

Total apartments in 1 small building = $12 \times 3 = 36$

$$\begin{aligned}\therefore \text{Total apartments in the entire housing complex} &= (22 \times 20) + (15 \times 36) \\ &= 440 + 540 \\ &= 980\end{aligned}$$

***** END *****