

Exercise 3D

Q13

Answer:

Number of student in 1 section = 45Number of students in 6 sections = $45 \times 6 = 270$ Monthly charges from 1 student = Rs 1650

: Total monthly collection from class VI = Rs 1650 × 270 = Rs 4,45,500

Q14

Answer:

If the product of two whole numbers is zero, then one of them is definitely zero. Example: 0 \times 2 = 0 and 0 \times 15 = 0

If the product of whole numbers is zero, then both of them may be zero. i.e., $0 \times 0 = 0$

Now, $2 \times 5 = 10$. Here, the product will be non-zero because the numbers to be multiplied are not equal to zero.

Q15

Answer:

- (i) Sum of two odd numbers is an even number. Example: 3 + 5 = 8, which is an even number.
- (ii) Product of two odd numbers is an odd number. Example: $5 \times 7 = 35$, which is an odd number.
- (iii) $a \neq 0$ and $a \times a = a$

Given: $a \times a = a$ $\Rightarrow a = \frac{a}{a} = 1, a \neq 0$

********* END *******