

Subject - Maths

Class - IV

Topic - Multiplication

Note: Do question 2 and 3 as shown in example. Answers are given at the back of the book.

Exercise-2

Use Cordova Smart Class Software on the smart board in class to do Exercise.

1. Fill in the blanks:

(a) $185 \times 1 = \square$

(b) $\square \times 1 = 270$

(c) $185 \times 0 = \square$

(d) $628 \times \square = 0$

(e) $928 \times 175 = 175 \times \square$

(f) $1078 \times \square = 928 \times 1078$

(g) $138 \times (413 \times 644) = (138 \times \square) \times 644$

(h) $427 \times (25 + \square) = 427 \times 25 + 427 \times 68$

2. Multiply the following in three different ways. The first one has been done for you.

(a) $5 \times 8 \times 4$

$(5 \times 8) \times 4 = 40 \times 4 = 160$

$5 \times (8 \times 4) = 5 \times 32 = 160$

$(5 \times 4) \times 8 = 20 \times 8 = 160$

(b) $11 \times 4 \times 7$

(c) $14 \times 9 \times 3$

3. Find the product using distributive property. The first one has been done for you.

(a) $(5 + 6) \times 9$

$(5 + 6) \times 9 = 5 \times 9 + 6 \times 9 = 45 + 54 = 99$

(b) $(11 + 8) \times 7$

(c) $(15 + 6) \times 6$

(d) $4 \times (23 + 5)$

(e) $5 \times (48 + 11)$

Exercise-3

Use Cordova Smart Class Software on the smart board in class to do Exercise.

Find each of the following products using expanded notation: *Do in notebook.*

1. 15×6

2. 5×43

3. 39×8

4. 27×9

5. 115×3

6. 455×2

7. 9×515

8. 325×7

9. 1935×6

10. 3×6705

11. 2005×5

12. 8903×6

29-9-20

Ch-4
Multiplication

Ex-3.

Q11. 2005×5

Solu. 2005×5

$$= (2000 + 5) \times 5$$

$$= 2000 \times 5 + 5 \times 5$$

$$= 10,000 + 25$$

$$= 10025.$$

Q7. 9×515

Solu. 9×515

$$= 9 \times (500 + 10 + 5)$$

$$= 9 \times 500 + 9 \times 10 + 9 \times 5$$

$$= 4500 + 90 + 45$$

$$= 4635$$