

## CLASS NOTES

Class: III

Topic: CHAPTER- 7 (WORKBOOK)

Subject: MATHEMATICS

### HOW MANY TIMES?

#### NOTE DOWN THIS WORK IN YOUR MATHEMATICS NOTEBOOK

Multiplication is one of the four basic operations of arithmetic, gives the result of combining groups of equal sizes.

In multiplication, the number being multiplied is called the “Multiplicand” and the number by which it is being multiplied is called the “Multiplier”.

24 → Multiplicand

×3 → Multiplier

        
72 → Product

The answer of the multiplication is called the “Product”.

#### MULTIPLICATION FACTS

##### 1. Multiplication is repeated addition

$$3 \times 5 = \text{Add } 3, 5 \text{ times} = 3 + 3 + 3 + 3 + 3$$

OR

$$\text{Add } 5, 3 \text{ times} = 5 + 5 + 5$$

##### 2. Any number multiplied with “1”, answer will be the same number or number itself.

$$6 \times 1 = 6$$

$$12 \times 1 = 12$$

##### 3. When any number is multiplied with “0”, answer is always “0”.

$$9 \times 0 = 0$$

$$25 \times 0 = 0$$

##### 4. When we multiply any number with “10”, we will increase only a “0”

$$13 \times 10 = 130$$

$$158 \times 10 = 1580$$

##### 5. When we multiply any number with “100”, we will increase “2” zeros.

$$27 \times 100 = 2700$$

$$108 \times 100 = 10800$$



## Q1. Fill in the boxes

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a.)  $18 \times 0 =$

b.)  $99 \times 100 =$

c.)  $666 \times 1 =$

d.)  $5 \times 10 =$

e.)  $1111 \times 1 =$

f.)  $33 \times$    $= 0$

g.)  $72 \times$    $= 7200$

h.)  $850 \times$    $= 8500$

i.)  $3333 \times$    $= 3333$

j.)  $444 \times$    $= 0$

### TRY TO SOLVE IT

a.)  $20 \times 0 =$

b.)  $69 \times 100 =$

c.)  $232 \times 1 =$

d.)  $25 \times 10 =$

e.)  $1010 \times 1 =$

f.)  $15 \times$    $= 0$

g.)  $82 \times$    $= 8200$

h.)  $350 \times$    $= 3500$

i.)  $3103 \times$    $= 3103$

j.)  $400 \times$    $= 0$

## Q.2 Multiply the following using repeated addition.

1.  $8 \times 9$  is 8 times 9 or  $9+9+9+9+9+9+9+9$
2.  $7 \times 6$  is 7 times 6 or  $6+6+6+6+6+6+6$
3.  $5 \times 4$  is 5 times 4 or  $4+4+4+4+4$
4.  $6 \times 3$  is 6 times 3 or  $3+3+3+3+3+3$
5.  $2 \times 10$  is 2 times 10 or  $10+10$

## Q.3 . Find how many times.

1.  $7+7+7+7+7 = 5 \times 7 = 35$
2.  $3+3+3 = 3 \times 3 = 9$
3.  $2+2+2+2 = 4 \times 2 = 8$
4.  $6+6+6+6+6 = 5 \times 6 = 30$
5.  $4+4+4+4+4+4+4+4+4+4 = 10 \times 4 = 40$

