Worksheet-10

Subject: - Mathematics

Class: - V

Teacher: - Mrs. Poonam Sunil

Name: Class & Sec: Roll No. Date: 21.05.2020

Good Morning Students! In the previous class we have done subtraction. Today we will do multiplication. As we know multiplication.is repeated addition.

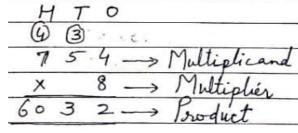
The number by which any number is multiplied is known as the Multiplies.

The number which is to be multiplied is known is known as Multiplicand.

The result of the multiplication is known as the Product.

Example: Multiply 754 by 8

Solution:



When the multiplies is 10, 100, 1000 or 10000 etc., the product has as many zeroes in the right side of the number being multiples as the multiplier.

Example:

$$75 \times 10 = 750$$

$$234 \times 100 = 23400$$

PROPERTIES OF MULTIPLICATION:

1. CLOSURE PROPERTY: The product of two whole numbers is a whole number.

Example: $7 \times 5 = 35$, $8 \times 9 = 72$ (35 and 72 are whole numbers)

- 2. COMMUTATIVE PROPERTY: The product of two numbers remain same even if the order of number multiplied is changed. Example: $9 \times 5 = 5 \times 9 = 45$
- 3. ASSOCIATIVE PROPERTY: The product of three or more number does not changes while the group of the number multiplied is changed. Example: $(15 \times 16) \times 17 = 15 \times (16 \times 17) = 4080$
- **4. MULTIPLICATIVE IDENTITY**: The product of 1 and any number is the number itself.

Example: $175 \times 1 = 175$, $843752 \times 1 = 843752$

- 5. The product of zero and any number is zero. Example: $654 \times 0 = 0$, $1543 \times 0 = 0$
- 6. DISTRIBUTIVE PROPERTY OF MULTIPLICATION OVER ADDITION AND SUBTRACTION

Example: $(18 + 15) \times 5 = 18 \times 5 + 15 \times 5$

And
$$(18-15) \times 5 = 18 \times 5 - 15 \times 5$$

Ex-3 (A)

Q1: Find the Product

a) $9273 \times 10 = 92730$

- b) $312 \times 100 = 31200$
- c) $12475 \times 100 = 1247500$
- d) 5932 × 1000 = 5932000
- e) $987625 \times 10 = 9876250$
- f) 3845 × 10000 = 38450000
- g) $725 \times 10 = 7250$
- h) 3285 × 100 = 328500
- i) 123456 × 1000 = 123456000
- j) 7289 × 10000 = 72890000

Q2: Find the product:



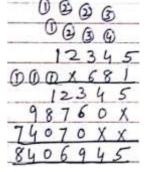
b) 9356 × 705

0 8 9 0 0 8 9 9 3 5 6 0 X 7 0 5 4 6 7 8 0

c)

12345 × 681

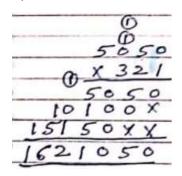
d) 24629 × 700



24629 x700 00000 00000X 1724 03 xx

e) 5050 × 321

f) 4343 × 411



000 4343 04343 4343 4343 17372xx 1784973

Maths HW

Q1: Find the product

a) 7543 × 221

d) 1245 × 625

b) 5045 × 104

e) 72456 × 987

c) 329 × 25

f) 412 × 72

Today's class is over. Next I will meet you on next Thursday.

Good Bye Children! (Stay Fit and Stay Healthy)