BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

CLASS III   SUBJECT- MATHEMATICS   TERM 2 (2020 - 2021)

TOPIC-MULTIPLICATION

NAME - _____CLASS III/ SEC _____DATE –23/11/2020 - 27/11/2020

Learning outcomes: -
Each child will be able to-
a) recall the concept of multiplication as repeated addition.
b) build tables using repeated addition
c) explore different properties of multiplication.

WARM UP: LET'S REVISE CLASS -2

Multiplication is a Mathematical Operation which involves the process of **repeated addition**.

a) How many legs will 2 horses have?

A horse has _____ legs.
Two horses will have _____ + _____ = _____ legs
It could be written as _____ times _____ = _____ legs
                            _____ X _____ = _____ legs

b) How many blades are there in 4 fans ?

A fan has _____ blades.
4 fans have _____ + ____ + _____ + _____ = _____ blades
It could be written as _____ times _____ = _____ blades
                            _____ X _____ = _____ blades

c) How many wheels are there in 5 bicycles?

A bicycle has _____ wheels.

5 bicycles have _____ + _____ + _____ + _____ + _____ = _____ wheels

It could be written as _____ times _____ = _____ wheels

_____ X _____ = _____ wheels

Activity

Let's build the table of 2: (using beads/ marbles)

Properties of Multiplication

Let's explore:

Property 1:

5 times 1 = 1+1+1+1+1= 5

4 times 1 = 1+1+1+1= ____

7 times 1 = 1+1+1+1+1+1+1 = ____

If a number is multiplied by 1, the product remains the _____.

Example- 468 X 1 =_____.

Property 2:

6 times 0 = 0+0+0+0+0+0 = 0
3 times 0 = 0+0+0+ = _____
4 times 0 = 0+0+0+0 =_____

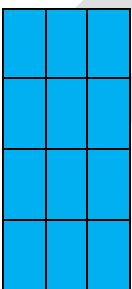**If a number is multiplied by 0, the product is _____.**

Example- 547 X 0 = _____.

Property 3:
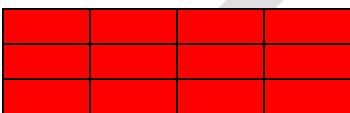
_____ rows X _____ columns = _____ boxes

_____ rows X _____ columns = _____ boxes.

If the order of the numbers is changed , the product _____.

Q1. Fill in the blanks:
   a) 7 times 4 = _____
   b) 8 times 5 =_____
   c) 3 times 10 = _____
   d) 9 times 4 = _____
   e) 5 times 7 = _____

Q2. Fill in the blanks (using multiplication properties) :
   a) 45 X 0 = _____
   b) 234 X 1 = _____
   c) 3 X 5 = _____ X 3= 15
   d) _____ X 1 = 754
   e) 456 X _____ = 0
   f) 12 X 4 = 4 X _____
   g) When we multiply a number by 1 , we get _____ as product.
   h) When we multiply a number by 0 , we get _____ as product.
   i) _____ X 0 = 0
   j) 21 X 45 = 45 X _____

Activity

Let's build the tables on our own:

X	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										