





**CLASS : 2**  
**SESSION NO. : 3**  
**SUBJECT : MATHEMATICS**  
**TOPIC: CH-6 MULTIPLICATION**  
**SUB TOPIC:PROPERTIES OF MULTIPLICATION .**

.

---

**CHANGING YOUR TOMORROW**

---

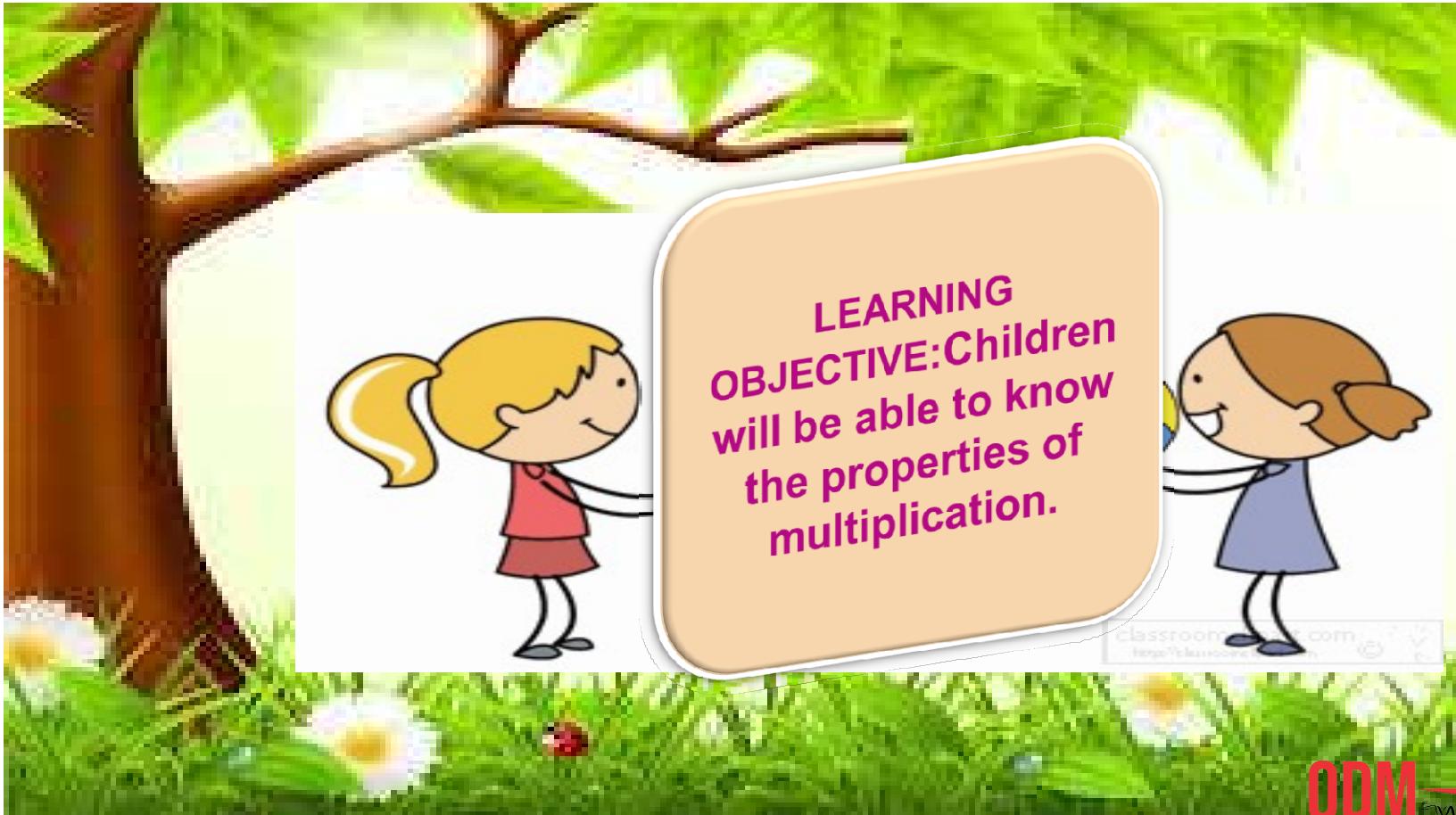
Website: [www.odmgroup.org](http://www.odmgroup.org)  
Email: [info@odmps.org](mailto:info@odmps.org)

Toll Free: **1800 120 2316**  
Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

A cartoon illustration of a brown and white dog with large, expressive eyes. The dog is holding a red rectangular sign with the words "TODAY'S TOPIC" written on it in white, handwritten-style text. The sign is partially rolled up, with a visible scroll at the bottom left. The background is a light blue gradient.

TODAY'S TOPIC

**PROPERTIES OF MULTIPLICATION.**



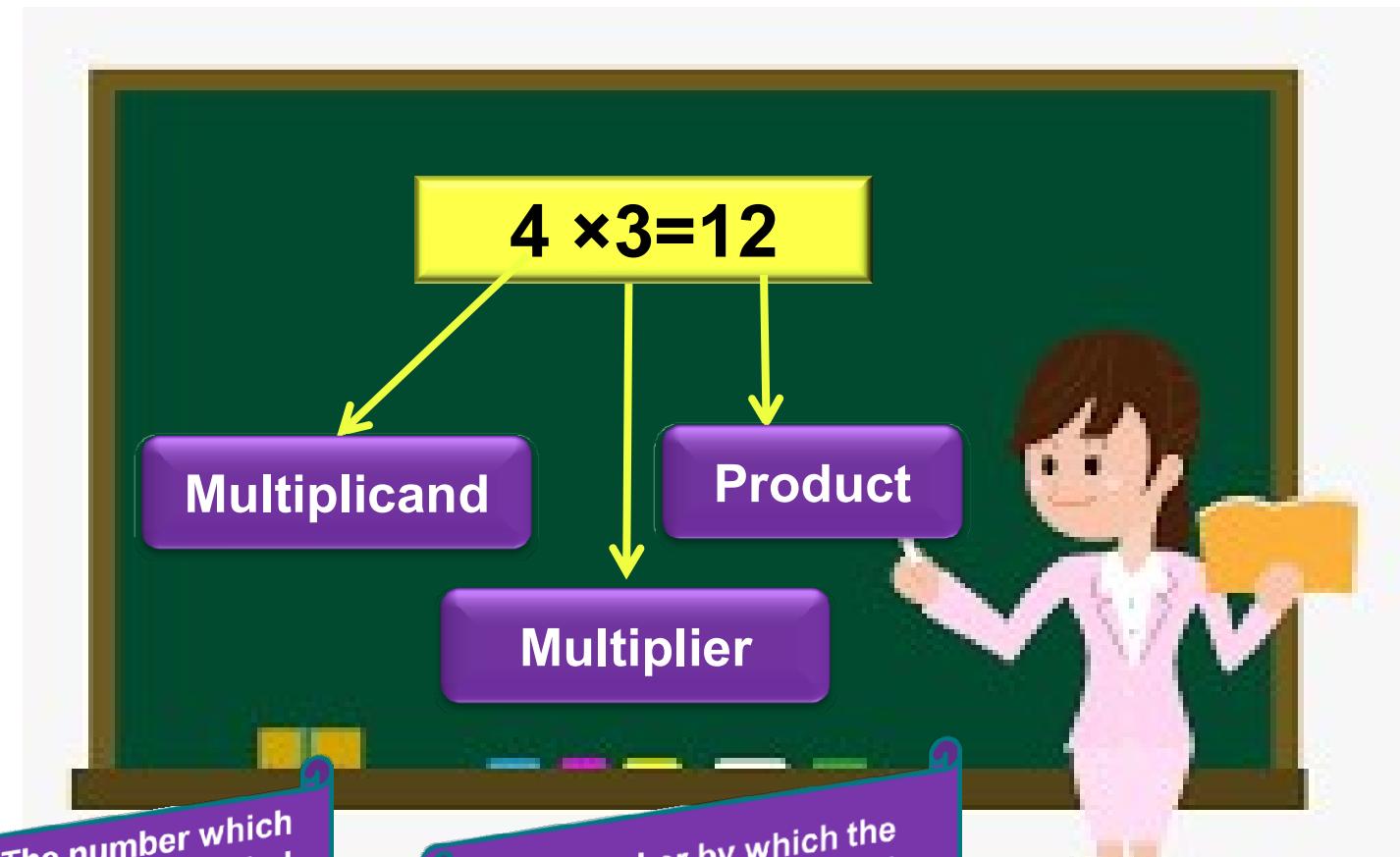
**LEARNING  
OBJECTIVE:** Children  
will be able to know  
the properties of  
multiplication.

**\*Multiplication is repeated addition.**

**\*When two numbers are multiplied, the answer is called **PRODUCT**.**

**\*The sign of multiplication is '×'.**



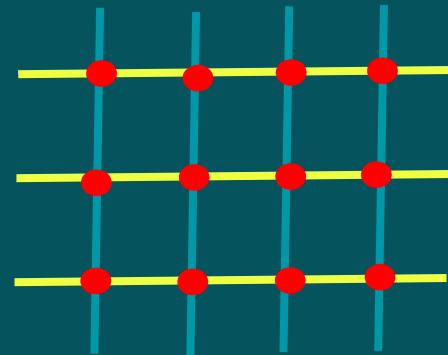


The number which is being multiplied is called multiplicand.

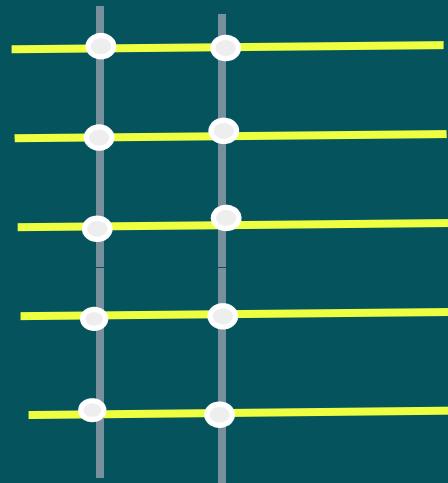
The number by which the multiplicand is multiplied is called the multiplier.

JUST HAVE A RECAP

Write the product .



$$3 \times 4 = 12$$



$$5 \times 2 = 10$$



## Properties of Multiplication

$$4 \times 5 = 20$$

+

+

+

$$4 \times 0 = 0$$

+

+

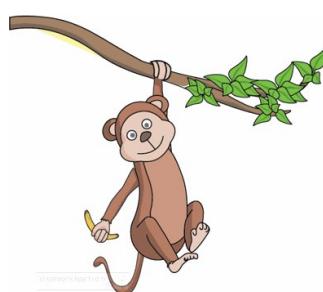
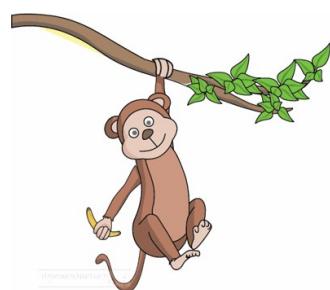
+

When a number is multiplied by 0, the product is always 0

$$6 \times 0 = 0$$

$$8 \times 0 = 0$$

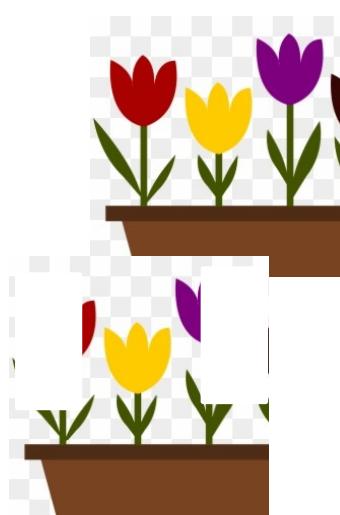
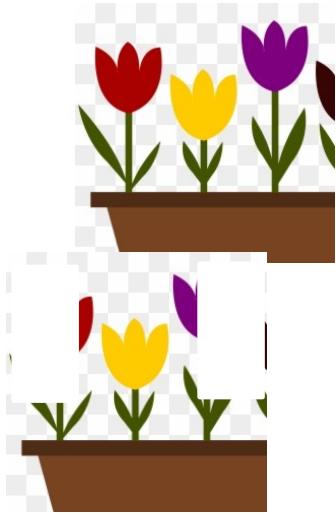
## Properties of Multiplication



4 groups of 1 monkey

$$4 \times 1 = 4$$

When a number is multiplied by 1, the product is the number itself.



2 groups of 4 flowers =  $2 \times 4 = 8$



4 groups of 2 flowers =  $4 \times 2 = 8$

The product of 2 numbers remains the same even after changing the order of the numbers.

$$9 \times 5 = 45$$
  
$$\square \times \square = 45$$

CW

1. Calculate and prove that the products of the following remain the same even after reversing the order.

a.  $7 \times 9 = 63$

$9 \times 7 = 63$

b.  $9 \times 5 = 45$

$5 \times 9 = 45$

c.  $4 \times 3 = 12$

$3 \times 4 = 12$

d.  $5 \times 4 = 20$

$4 \times 5 = 20$

**2. Multiply the following by 1:**

a.  $9 \times 1 = 9$

b.  $8 \times 1 = 8$

c.  $6 \times 1 = 6$

d.  $4 \times 1 = 4$

**3. Find the product of the following:**

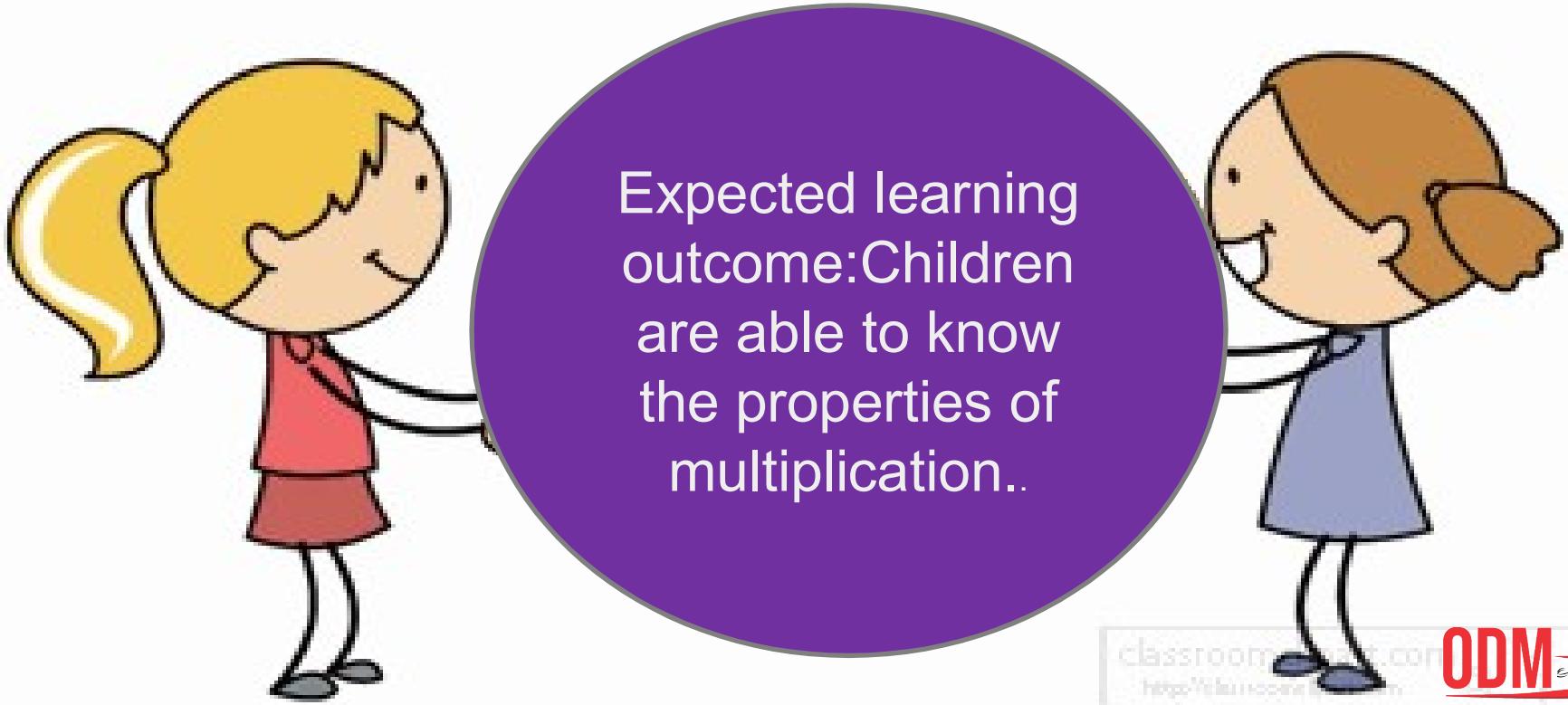
a.  $16 \times 0 = 0$

b.  $8 \times 0 = 0$

c.  $6 \times 0 = 0$

d.  $2 \times 0 = 0$

<b>SUB</b>	<b>HOME ASSIGNMENT</b>
<b>Mathematics</b>	



Expected learning outcome: Children are able to know the properties of multiplication..

**THANKING YOU  
ODM EDUCATIONAL GROUP**

