



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

CHANGING YOUR TOMORROW

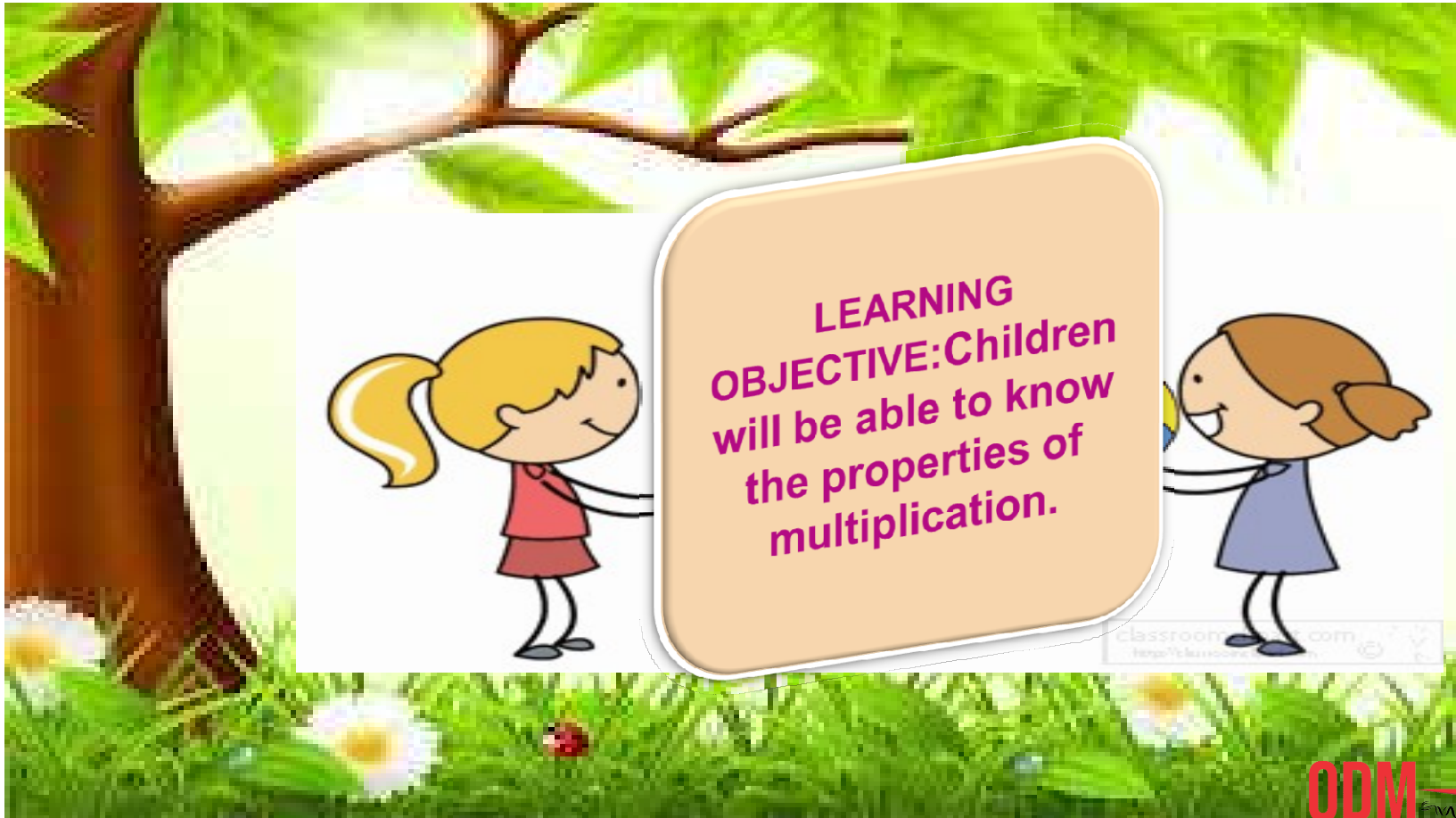
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A cartoon illustration of Jerry the mouse from Tom and Jerry, peeking over a red sign. He has large eyes and a small smile.

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 '**x**'.



$$4 \times 3 = 12$$

Multiplicand

Product

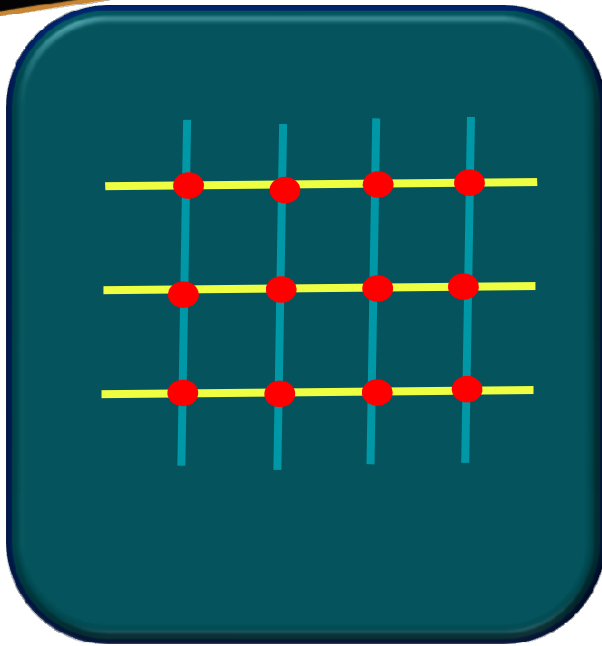
Multiplier

The number which is being multiplied is called multiplicand.

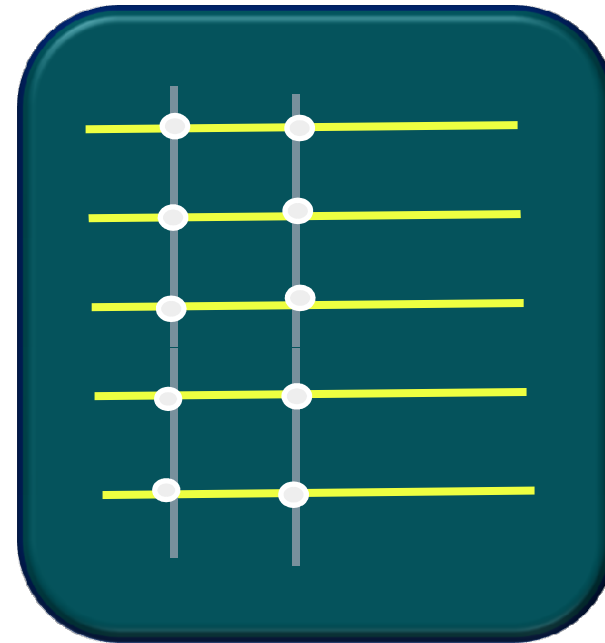
The number by which the multiplicand is multiplied is called the multiplier.

JUST HAVE A RECAP

Write the product .



$$3 \times 4 = 12$$



$$5 \times 2 = 10$$



Repeated addition $2 + 2 + 2 = 6$
3 times $2 = 6$
 $3 \times 2 = 6$

Properties of Multiplication

$$4 \times 5 = 20$$

+ + +

$$4 \times 0 = 0$$

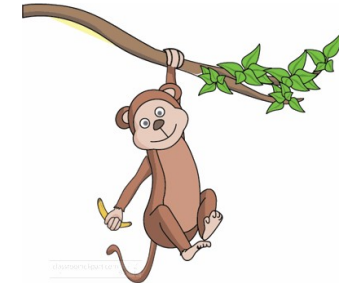
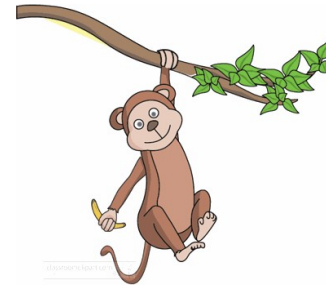
+ + +

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

$$6 \times 0 = 0$$

$$8 \times 0 = 0$$

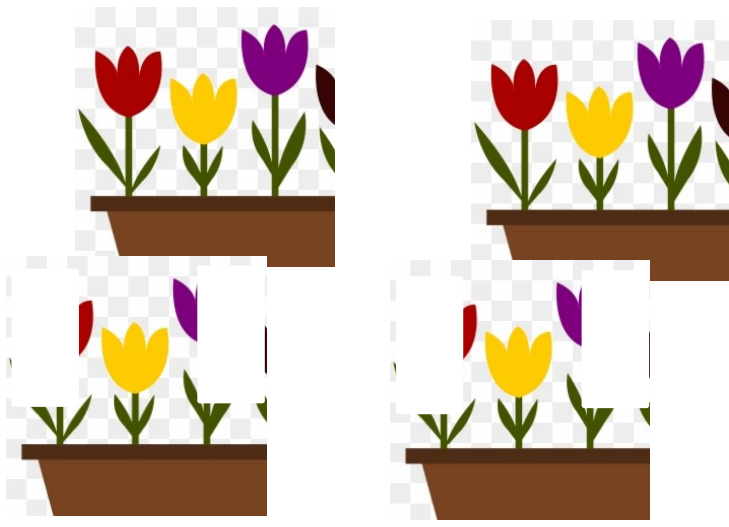
Properties of Multiplication



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

×

5

=

45

×

=

45

CW

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

a. $7 \times 9 = 63$

$9 \times 7 = 63$

c. $4 \times 3 = 12$

$3 \times 4 = 12$

b. $9 \times 5 = 45$

$5 \times 9 = 45$

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:

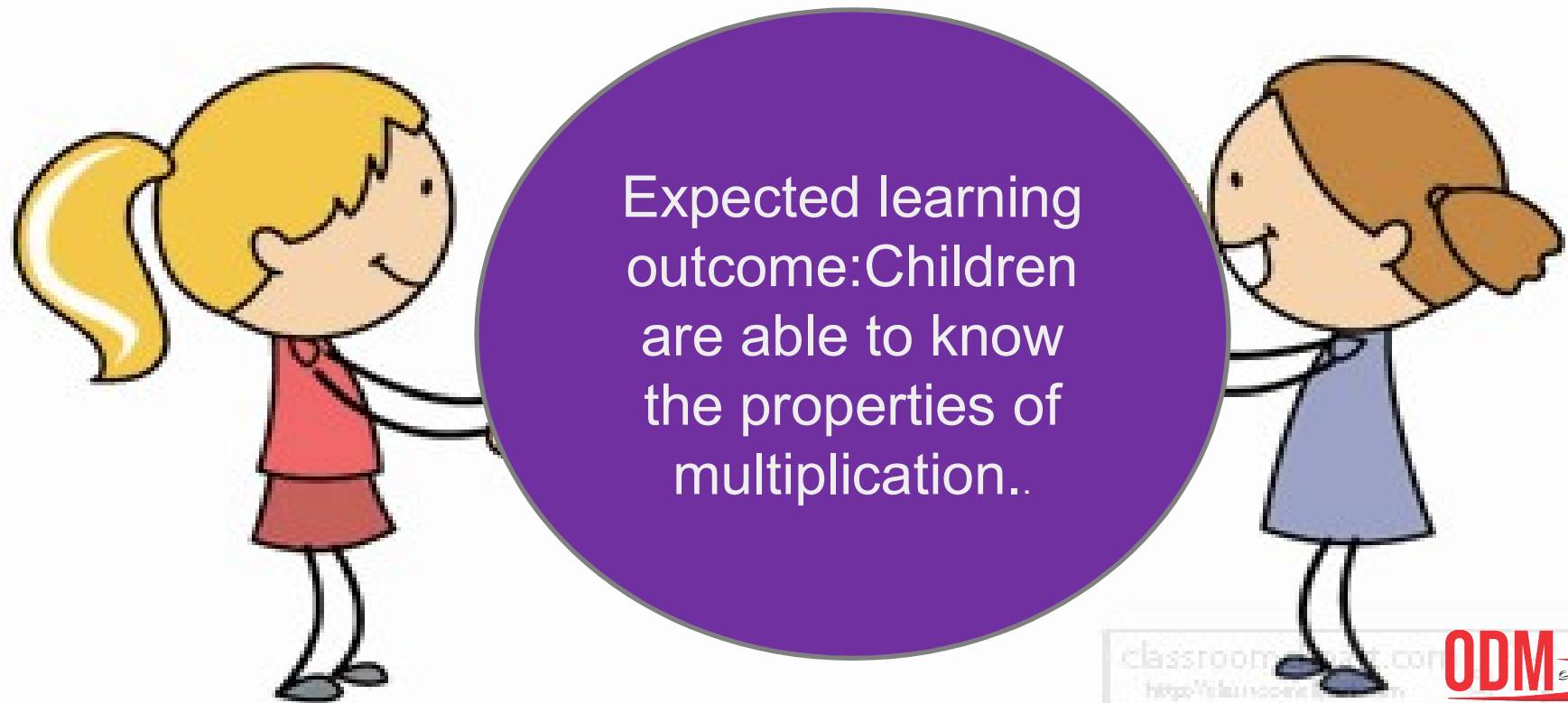
a. $16 \times 0 = 0$

b. $8 \times 0 = 0$

c. $6 \times 0 = 0$

d. $2 \times 0 = 0$

SUB	HOME ASSIGNMENT
Mathematics	<hr/>



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

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<http://www.classroom.com>

THANKING YOU
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