

SESSION : 1

CLASS : I

SUBJECT : MATHEMATICS

CHAPTER NUMBER:9

CHAPTER NAME : MULTIPLICATION

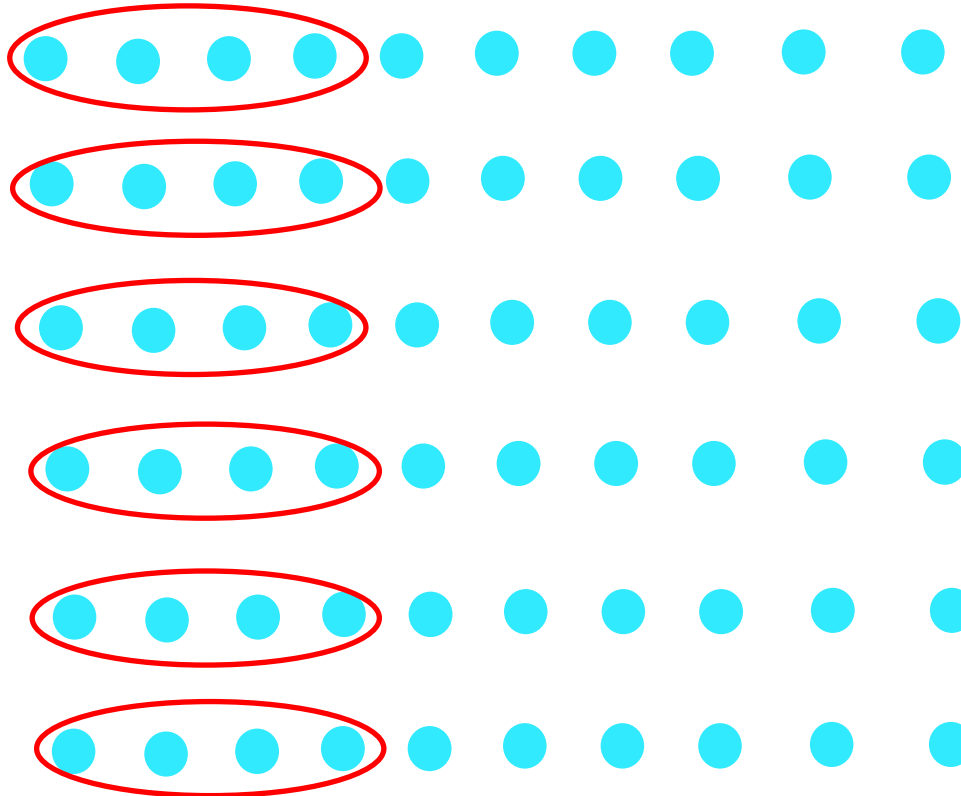
SUBTOPIC : MULTIPLICATION IS REPEATED ADDITION

CHANGING YOUR TOMORROW

TODAY'S TOPIC

MULTIPLICATION IS REPEATED ADDITION

LET'S PLAY A GAME



Number of groups 6

Number of dots in each group 4

Total number of dots

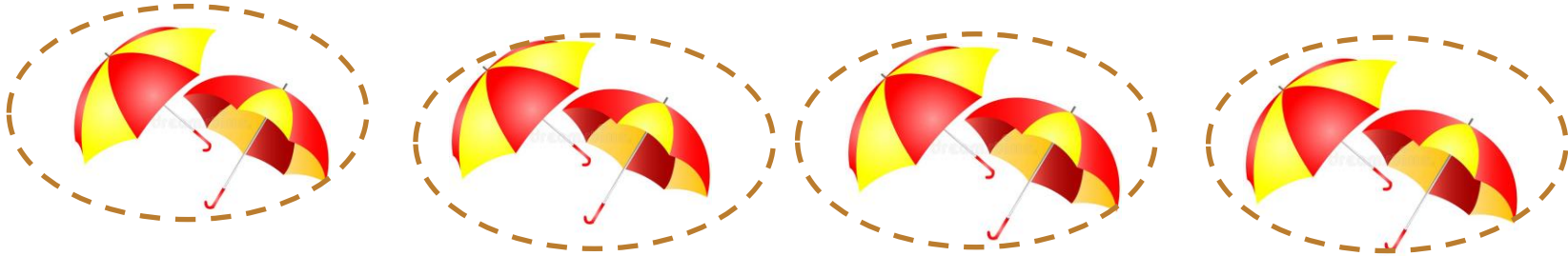
$$4+4+4+4+4+4 = 24$$

Or 4 added to itself 6 times is 24

MULTIPLICATION IS REPEATED ADDITION

There are 4 groups of umbrellas

In each group 2 umbrellas



We can repeatedly add it: $2 + 2 + 2 + 2 = 8$

So, There are : 4 **groups of** $2 = 8$

We can also say that : 4 **times** 2 is $= 8$

We can write : 4 **X** 2 is $= 8$

EXAMPLE - 1



So repeated addition is called **Multiplication**

X is the symbol of **Multiplication**

There are : 2 groups of 7 = 14

We can say that : 2 times 7 = 14

We can write : 2 X 7 = 14

EXAMPLE - 2

$$4 + 4 + 4 = 12$$

means 4 is added to itself 3 times gives 12

3 groups of 4 is 12

or 3 times 4 is 12

$$3 \times 4 = 12$$



Activity Time



8

+

8

2 groups of 8 fish = 16

2 x 8 = 16



C.W

Date:

TODAY'S CLASS WORK

Exercise

1. There are 4 vases. Each vase has 5 flowers. How many flowers are there in all ?



$$5 + 5 + 5 + 5 = 20 \quad \text{OR} \quad 4 \times 5 = 20$$

There are **20** flowers in all.

2. There are 2 bunches of bananas. Each bunch has 10 bananas. How many bananas are there altogether ?



$$10 + 10 = \boxed{20} \quad \text{OR} \quad 2 \times 10 = \boxed{20}$$

There are $\boxed{20}$ bananas in all.

3. There are 2 fish tanks. Each fish tank has 6 fishes. How many fishes are there in all ?



$$6 + 6 =$$

12

OR $2 \times 6 =$

12

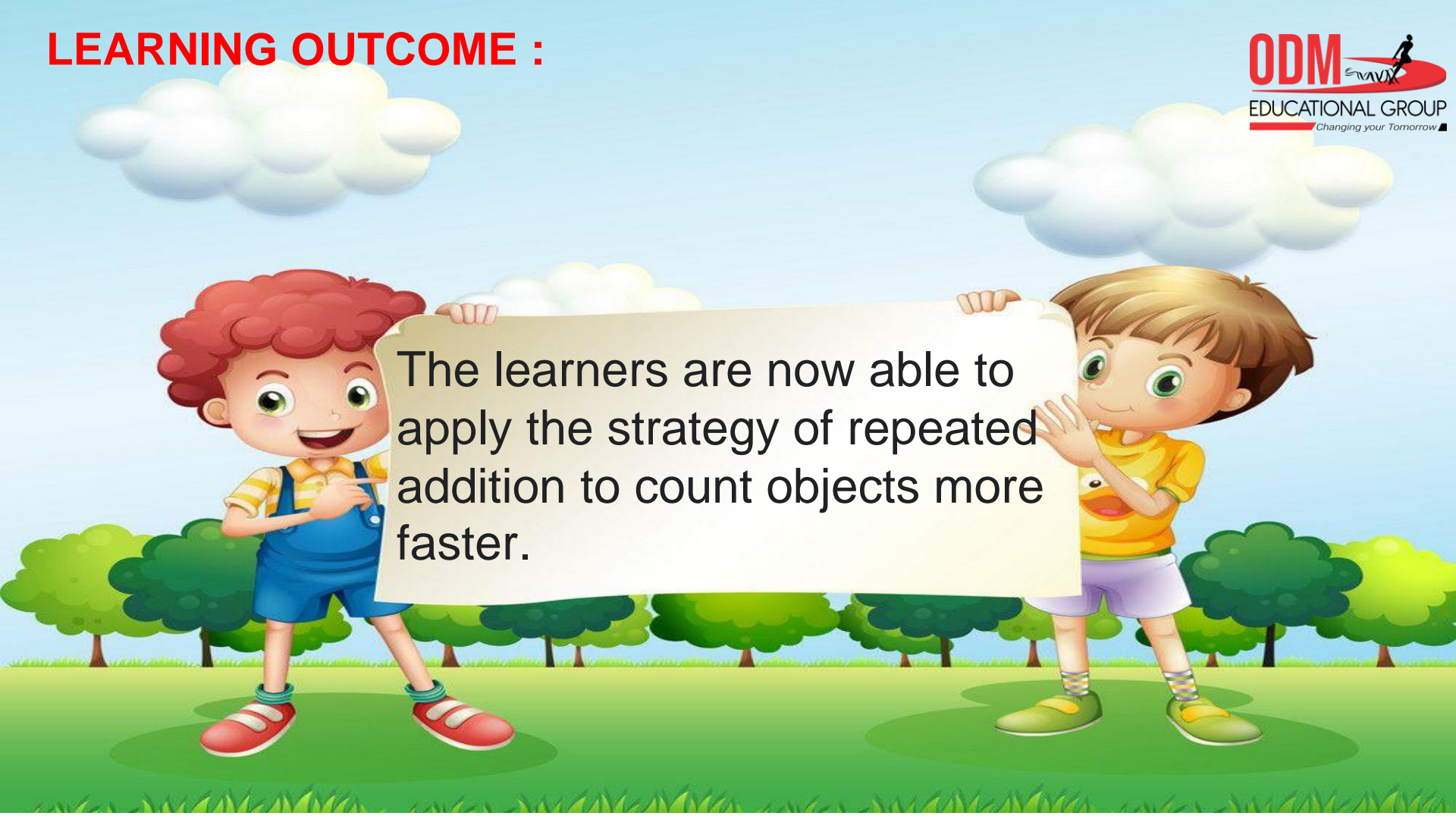
There are

12

fishes in all.

SUB	HOME ASSIGNMENT
Mathematics	<hr/>

LEARNING OUTCOME :



The learners are now able to apply the strategy of repeated addition to count objects more faster.

THANKING YOU
ODM EDUCATIONAL GROUP