HICON SERIES

CLASS 1 LESSON 7

MATHEMATICS
MULTIPLICATION

CLICK HERE TO ACTIVATE

LESSON
PART 2

7

MULTIPLICATION

READY ... STEADY

Look at these pictures.

Girl 1

Girl 1 is wearing a pair of two ear-rings with 1 bead in each.

Girl 2

Girl 2 has 1 bead more than Girl 1 in each ear-ring. So now it is, 2 + 2 = 4

Girl 3

Girl 3 has 1 bead more than Girl 2 in each of her ear-rings. So, 2 + 2 + 2 = 6

Given below are Girl 4, 5 and 6. Draw the beads for the ear-rings to show what will come next.

Girl 4

Girl 5

Girl 6

REPEATED ADDITION

When the same number is added over and over again it is a *repeated addition*.

Repeated addition is called *multiplication*.

The symbol used for multiplication is $\times$. It is read as "INTO".

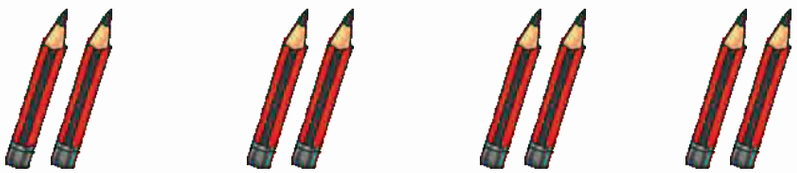
Example :

In the addition $2 + 2 + 2 + 2$, 2 is repeated 4 times. It can be changed to multiplication and rewritten as 4 times 2 or 4×2 (4 into 2).

$2 + 2 + 2 + 2 = 8$

$4 \times 2 = 8$

Fill in the blanks.



2 + 2 + 2 + 2 = ...

3 + 3 + 3 = ...

4 + 4 = ...

5 + 5 + 5 + 5 = ...

MATHS LAB

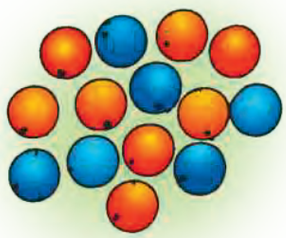
Objective : To reinforce the concept of multiplication

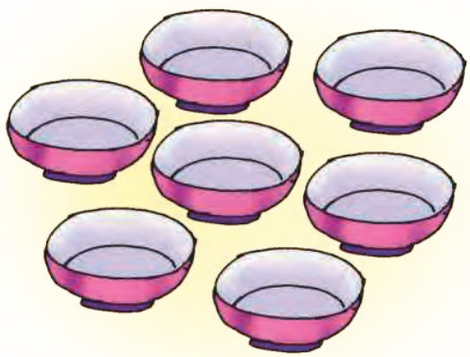
Materials Required : 10 bowls, 100 beads

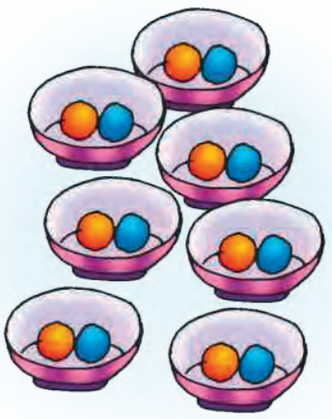
Steps :

1. Place the bowls in front of the students.
2. Call one student and ask him/her to take a certain number of beads (the number should be a multiple of 2).
3. Ask the student to divide the beads into bowls so that each bowl gets 2 beads and find out how many bowls are needed.

   For example, in order to divide 14 beads, 7 bowls will be needed. So, tell the students that 7 times 2 is 14.
4. Now, give another number and ask another student to do the same activity.

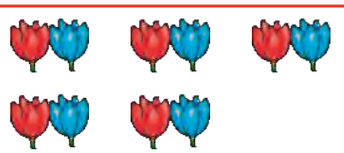
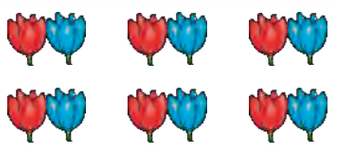
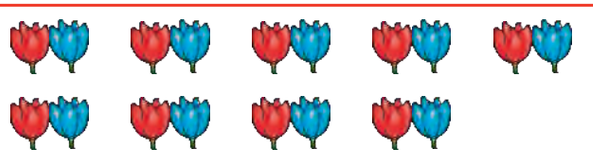
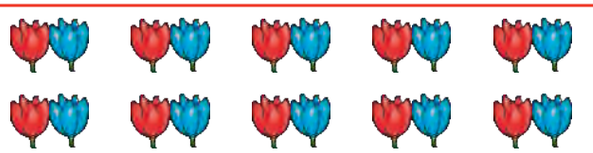






5. Repeat this activity with other numbers.

MULTIPLICATION BY 2

	1 two are 2	$1 \times 2 = 2$
	2 twos are 4	$2 \times 2 = 4$
	3 twos are 6	$3 \times 2 = 6$
	4 twos are 8	$4 \times 2 = 8$
	5 twos are 10	$5 \times 2 = 10$
	6 twos are 12	$6 \times 2 = 12$
	7 twos are 14	$7 \times 2 = 14$
	8 twos are 16	$8 \times 2 = 16$
	9 twos are 18	$9 \times 2 = 18$
	10 twos are 20	$10 \times 2 = 20$

MULTIPLICATION TABLES

Table of 3

1	×	3	=	3
2	×	3	=	6
3	×	3	=	9
4	×	3	=	12
5	×	3	=	15
6	×	3	=	18
7	×	3	=	21
8	×	3	=	24
9	×	3	=	27
10	×	3	=	30

Table of 5

1	×	5	=	5
2	×	5	=	10
3	×	5	=	15
4	×	5	=	20
5	×	5	=	25
6	×	5	=	30
7	×	5	=	35
8	×	5	=	40
9	×	5	=	45
10	×	5	=	50

Table of 10

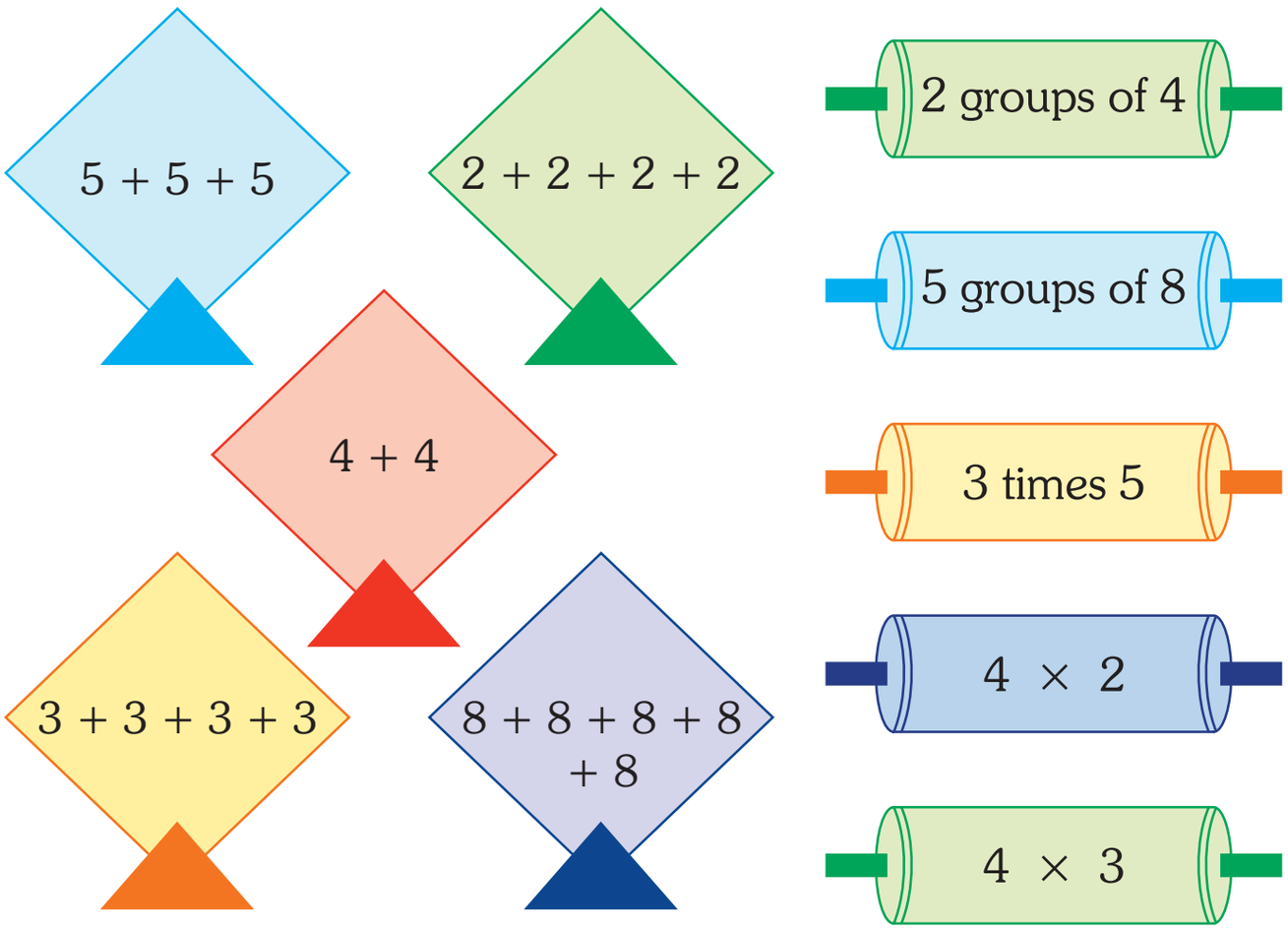
1	×	10	=	10
2	×	10	=	20
3	×	10	=	30
4	×	10	=	40
5	×	10	=	50
6	×	10	=	60
7	×	10	=	70
8	×	10	=	80
9	×	10	=	90
10	×	10	=	100

Multiply and find the product.

1 × 2 =	9 × 5 =	4 × 5 =
2 × 3 =	3 × 5 =	2 × 2 =
4 × 2 =	3 × 2 =	9 × 10 =
8 × 2 =	10 × 5 =	5 × 2 =
1 × 3 =	6 × 10 =	8 × 3 =
7 × 3 =	10 × 3 =	1 × 10 =
5 × 10 =	6 × 5 =	7 × 10 =

WORKSHEET

Match the kite with correct reel.



Multiply and find the product.

1 × 2 =	6 × 2 =	4 × 2 =
7 × 3 =	2 × 3 =	3 × 3 =
8 × 5 =	3 × 5 =	5 × 5 =
9 × 10 =	2 × 10 =	10 × 10 =