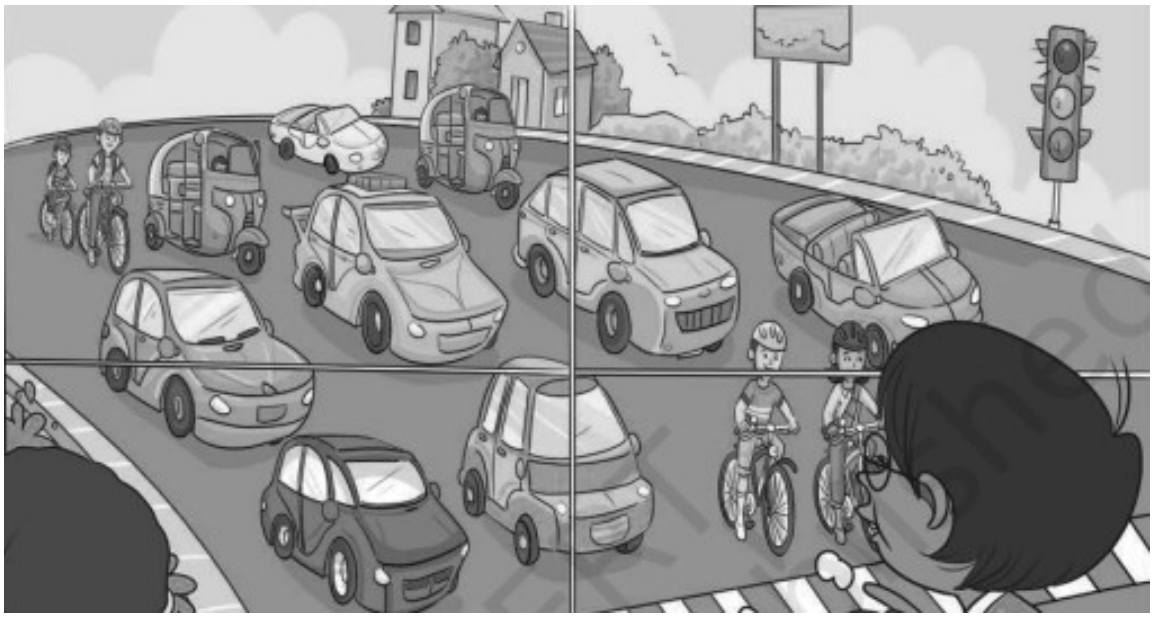
8 Grouping and Sharing

Multiplication of Numbers



Let us Do

Counting the Cars and Wheels

Number of cars = 7

Number of wheels in each car = 4

Total wheels = 4 + 4 + 4 + 4 + 4 + 4 + 4 = 28

7 times 4 is 28

7 groups of 4 is 28

7 x 4 = 28

Let us Do

Number of butterflies= 3

Number of wings in each butterflies = 2

Total wings = 2 + 2 + 2 = 6

or 3 groups of 2 is 6

3 times 2 is 6

3 twos are 6

3 x 2 = 6

Number of octopuses= 2

Number of legs in each octopuses = 8

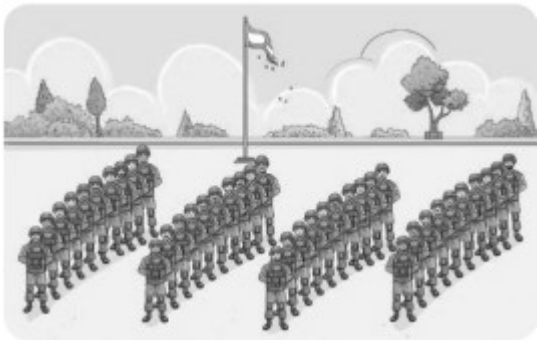
Total legs = 8 + 8 = 16

or 2 groups of 8 is 16

2 times 8 is 16

2 eights are 16

8 x 2 = 16



Number of lines = 4

Number of soldiers in each lines = 10

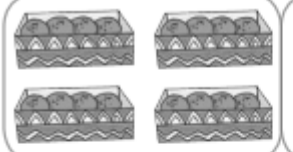
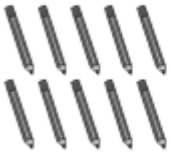
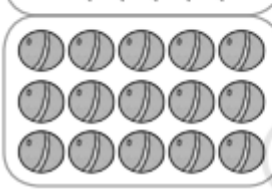
Total number of soldiers = 10 + 10 + 10 + 10 = 40

4 times 10 is 40

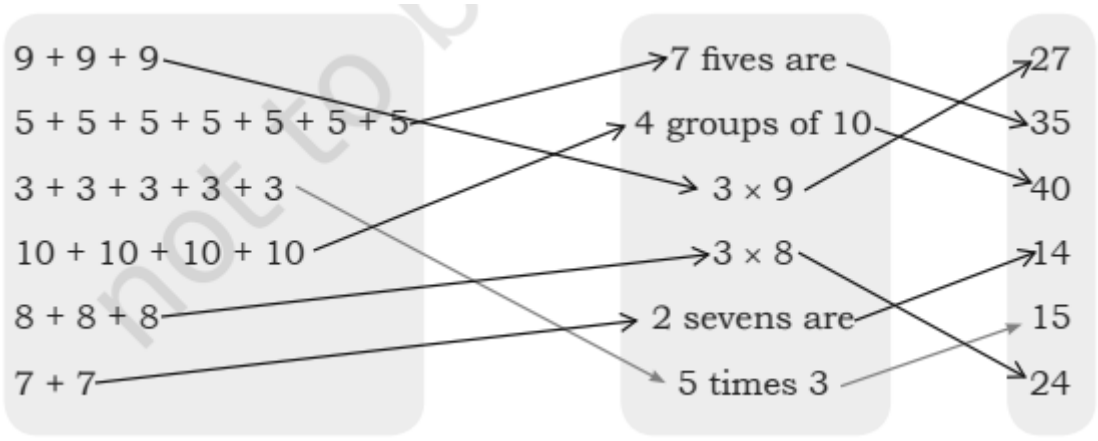
4 tens are 40

4 x 10 = 40

Complete the table

	3 + 3 + 3 + 3	4 times 3	4 × 3 = 12 Stars
	5 + 5 + 5	3 times 5	3 x 5 = 15 Fingers
	3+3+3+3+3+3	6 times 3	6 x 3 = 18 Bananas
	4+4+4+4	4 times 4	4 × 4 = 16 Oranges
	5 + 5	2 times 5	2 × 5 = 10 Pencils
	5 + 5 + 5	3 times 5	3 × 5 = 15 Balls

Match the following



Complete the Table of 2

	2 ones are 2	2 × 1 = 2
	2 twos are 4	2 × 2 = 4
	2 threes are 6	2 × 3 = 6
	2 fours are 8	2 x 4 = 8
	2 fives are 8	2 x 5 = 10
	2 sixes are 12	2 x 6 = 12
	2 sevens are 14	2 x 7 = 14
	2 eights are 16	2 x 8 = 16
	2 nines are 18	2 x 9 = 18
	2 tens are 20	2 x 10 = 20

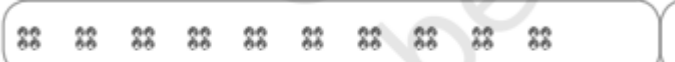
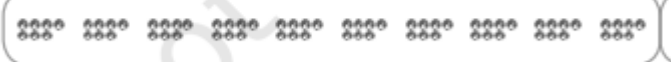
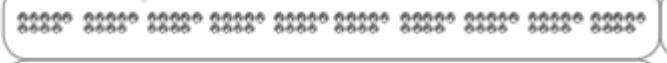
Complete the Table of 3

	3 ones are 3	3 × 1 = 3
	3 twos are 6	3 × 2 = 6
	3 threes are 9	3 × 3 = 9
	3 fours are 8	3 x 4 = 12
	3 fives are 8	3 x 5 = 15
	3 sixes are 12	3 x 6 = 18
	3 sevens are 14	3 x 7 = 21
	3 eights are 16	3 x 8 = 24
	3 nines are 18	3 x 9 = 27
	3 tens are 20	3 x 10 = 30

Complete the Table of 5

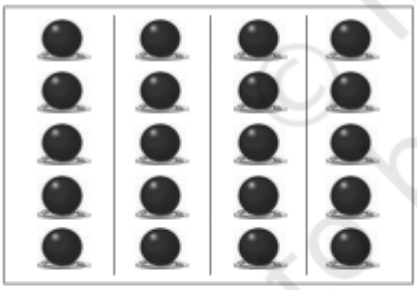
	5 ones are 5	5 × 1 = 5
	5 twos are 10	5 × 2 = 10
	5 threes are 15	5 × 3 = 15
	5 fours are 20	5 x 4 = 20
	5 fives are 25	5 x 5 = 25
	5 sixes are 30	5 x 6 = 30
	5 sevens are 35	5 x 7 = 35
	5 eights are 40	5 x 8 = 40
	5 nines are 45	5 x 9 = 45
	5 tens are 50	5 x 10 = 50

Complete the Table of 10

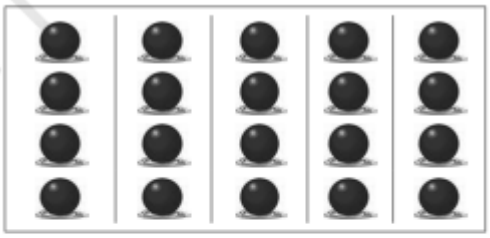
	10 ones are 10	10 × 1 = 10
	10 twos are 20	10 x 2 = 20
	10 threes are 30	10 x 3 = 30
	10 fours are 40	10 x 4 = 40
	10 fives are 50	10 x 5 = 50
	10 sixes are 60	10 x 6 = 60
	10 sevens are 70	10 x 7 = 70
	10 eights are 80	10 x 8 = 80
	10 nines are 90	10 x 9 = 90
	10 tens are 100	10 x 10 = 100

shown above.

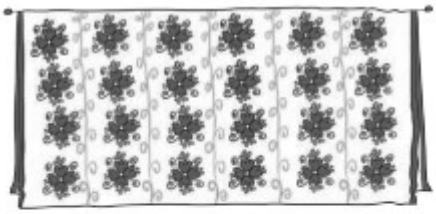
How Many



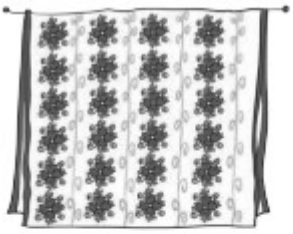
4 groups of 5
4 times 5 is 20
4 × 5 = 20
There are 20 *gulab jamuns*.



5 groups of 4
5 times 4 is 20
5 × 4 = 20
There are 20 *gulab jamuns*.



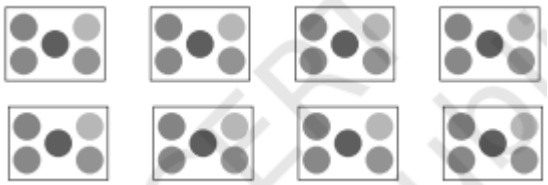
6 groups of 4
6 times 4 is 24
6 × 4 = 24
There are 24 flowers.



4 groups of 6
4 times 6 is 24
4 × 6 = 24
There are 24 flowers.

A. There are 8 packets of bindis. Each packet has 5 bindis.

Number of packets = 8
Number of bindis in each packet = 5
8 groups of 5 bindis
8 × 5 = 40 bindis



B. Bharti puts 4 buttons on each shirt. She wants to put buttons on 7 shirts.

Number of shirts = 7
Number of buttons in each shirt = 4
7 groups of 4 buttons
7 × 4 = 28 buttons

C. Rita bought 6 pencils of Rs. 4 each. How much money will she give to the shopkeeper?

Number of pencils = **6**

Cost of 1 pencil = **4**

Cost of 6 pencils = 4 + 4 + 4 + 4 + 4 + 4

6 × **4** = **24**

So, Rita will give Rs. **24** to the shopkeeper.

D. Five people can sit in a car. How many people can sit in 8 such cars?

Number of people sitting in 1 car = **5**

Number of people sitting in 8 cars = **40**

8 × **5** = **40**

40 people can sit in 8 cars.

Making Multiplication Table

	3	6	9	12	15	18	21	24	27	30	(Table of 3)
+	3	6	9	12	15	18	21	24	27	30	(Table of 3)
	6	12	18	24	30	36	42	48	54	60	(Table of 6)

Make the table of 8 from the table of 2 and 6.

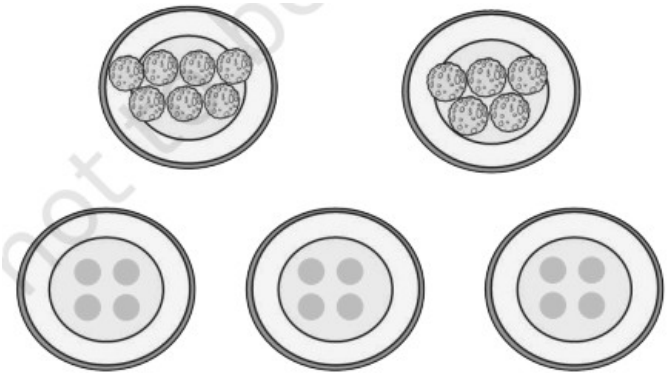
	2	4	6	8	10	12	14	16	18	20	(Table of 2)
+	6	12	18	24	30	36	42	48	54	60	(Table of 6)
	8	16	24	32	40	48	56	64	72	80	(Table of 8)

Division of Numbers

Let us Share
Let us Do

A. Complete Ritu's art and craft project by drawing 12 bindis equally on 2 ice cream cones as cherries.

B. Pooja has 2 plates. Each plate has a different number of laddoos in it. Help her divide the laddoos equally in 3 plates. You can draw and colour the laddoos.



How Many Groups?
Let us Make

A. Each string has 7 beads.
How many strings can we make with 21 beads?

We can make 3 strings

B. There are 54 flowers. Join 9 flowers to make 1 bracelet.
How many bracelets can we make with 54 flowers?

We can make 6 bracelets

C. There are 25 roses. 5 roses can be placed in 1 vase.
How many vases are needed for placing 25 roses?

We need 5 vases

D. There are 27 candles. Put them equally in 3 boxes.
How many candles will be in each box?

9 candles in each box

E. A tailor puts 6 buttons on one shirt. Here are 30 buttons.
The tailor will be able to put 30 buttons on shirts.

5 shirts

F. Share 24 bananas equally among 3 monkeys.
Each monkey will get bananas.

Each monkey will get 8 bananas