# Chapter – 2

# Numbers

# Ex 2.1

#### **Question 1.**

Multiply the following numbers by using lattice method.

(i) 52 × 49
(ii) 347 × 5
(iii) 127 × 7
(iv) 65 × 37
(v) 789 × 4
(vii) 37 × 29







 $37\times29=1073$ 

#### **Question 2.**

Multiply the following numbers by using standard method

(i) 72 :	× 29
(ii) 31	× 27
(iii) 93	8 × 42
(iv) 12	4 × 6
(y) 20	6 × 8
(vi) 47	'9 × 3

93 × 42 = 3096

(iv) 124 × 6
124
× 6
744
124 × 6 = 744
(v) 206 × 8 206
× 8
1648
206 × 8 = 1648
(vi) 479 × 3 479
× 3
1437
479 × 3 = 1437

#### **Question 3.**

One box contains 25 apples. How many apples are there in 36 such boxes?

#### Answer:

No. of apples in a box = 25 No. of apples in 36 boxes =  $25 \times 36$ = 900 apples 25  $\times 36$ 150 75 900

i. There are 28 pages in a daily newspaper. If Ajay buys newspapers for 45 days. how many pages will it contain?

No. of pages in a daily newspaper = 28 No. of pages in 45 days =  $28 \times 45$ = 1260 Pages 28  $\times 45$ 140 112 1260

ii. A truck carries 125 bags of rice. [f each bag has 9 kg of rice0 how much kg of rice will there be in the truck,

#### Answer:

Weight of a Rice bag = 9 kg Weight of 125 Rice bags = 125 × 9 = 1125 Kgs 125 × 9 1125

iii. If the cost of one chair is ₹ 857. What will be the cost of 6 chairs?

# Answer:

Cost of a chair = ₹857Cost of 6 chair =  $857 \times 6$ = ₹5142 $857 \times 6$ <u>5142</u>

# **Ex 2.2**

**Question 1**. 4 × 6 = \_\_\_\_

#### **Answer:** 4 × 6 = <u>24</u>

**Question 2.** 7 × 2 = \_\_\_\_\_

Answer:  $7 \times 2 = 14$ 

# **Question 3.**

8 × 2 = \_\_\_\_

#### Answer:

8 × 2 = <u>16</u>

## **Question 4**.

In a shirt there are 6 buttons, how many buttons will there be in 8 shirts?

#### **Answer:**

No. of button in a shirt = 6No. of button in 8 shirts =  $6 \times 8$ = 48 button

#### **Question 5.**

In a carton, there are 9 rows with 6 eggs in each row. How many eggs are there in all?

#### Answer:

No. of eggs in a row = 6No. of egg in a 9 rows =  $6 \times 9$ = 54 eggs

Complete the 7<sup>th</sup> table: (using maths kit box). 7 Piece tan gram

M	7 × 1 = 7
	7 × 2 = 14
	7 × 3 = 21
	7 × 4 =
	7 × 5 = 35
	7 × 7 =
	7 × 8 = 56
	7 × 10 = 70

	7 × 1 = 7
	7 × 2 = 14
	7 × 3 = 21
	7 × 4 = <u>28</u>
MMMM	7 × 5 = 35
MANNA	<u>7 × 6 = 42</u>
MMMMMM	7 × 7 = <u>49</u>
MMMMMM	7 × 8 = 56
	<u>7 × 9 = 63</u>
RARARARA	7 × 10 = 70

# Ex 2.3

# **Question 1.** 3 × 7 = \_\_\_\_\_

#### Answer:

3 × 7 = <u>21</u>

**Question 2.** 6 × 7 = \_\_\_\_\_

# Answer:

6 × 7 = <u>46</u>

# Question 3.

9 × 7 = \_\_\_\_\_

## Answer:

9 × 7 = <u>63</u>

## **Question 4.**

A box contains 7 pens. How many pens are 1here in 5 boxes?

#### Answer.

Number of pen in a box = 7 Number of pens in 5 boxes = 7 × 5 = 35 Pens

#### **Question 5.**

One week has 7 days. Calculate the number of days in 10 weeks?

#### Answer:

Number of days in a week 7 Number of days in 10 weeks = 7 × 10 = 70 days

Complete the 8th table: Number of legs in spider

<b>**</b>	8 × 1 = 8
1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 -	8 × 2 = 16
1996 1996 1996 1996 1996 1996 1996 1996	8 × 3 = 24
1996 1996 1996 1996 1996 1996 1996 1996	8 × 4 = 32
1996 1996 1996 1996 1996 1996 1996 1996	8 × 5 = 40
1996 1996 1996 1996 1996 1996 1996 1996	

A A A A A A	8 × 7 = 56
AN AN AN AN AN AN AN AN	8 × 8 =
AN AN AN AN AN AN AN AN AN	8 × 9 =
AN	8 × 10 = 80

THE SECOND SECOND	8 × 1 = 8
· · · · · · · · · · · · · · · · · · ·	8 × 2 = 16
	8 × 3 = 24
	8 × 4 = 32
	8 × 5 = 40
	8 ×6 = 48
	8 × 7 = 56
	8 × 8 = 64
	8 × 9 = 72
	8 × 10 = 80

# Ex 2.4

**Question 1.** 8 × 4 = \_\_\_\_\_

#### Answer:

8 × 4 = <u>32</u>

# Question 2.

8 × 6 = \_\_\_\_\_

#### Answer:

8 × 6 = <u>48</u>

**Question 3.** 8 ×10 = \_\_\_\_\_

8 × 10 = <u>80</u>

#### **Question 4.**

One packet contains 8 pencils; how many pencils are there in 9 such packets?

#### Answer:

Number of pencils in a packet = 8 Number of pencils in 9 packets = 8 × 9 = 72 pencils

#### **Question 5.**

The price of one ball is 10. Find the cost of 8 such balls?

#### Answer:

Cost of 1 ball = ₹ 10  $\therefore$  Cost of 8 balls = 10 × 8 = ₹ 80

#### **Complete the 9th table:**

 $9 = 9 \times 1 =$   $9 + 9 = 9 \times 2 = 18$   $9 + 9 + 9 = 9 \times 3 = 27$   $9 + 9 + 9 + 9 = 9 \times 4 = 36$   $9 + 9 + 9 + 9 + 9 = 9 \times 5 = 45$   $9 + 9 + 9 + 9 + 9 + 9 = 9 \times 6 = \_\_\_$   $9 + 9 + 9 + 9 + 9 + 9 + 9 = 9 \times 7 = \_\_$   $9 + 9 + 9 + 9 + 9 + 9 + 9 = 9 \times 8 = \_\_$   $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 9 \times 9 = 81$   $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 9 \times 10 = \_\_\_$ 

#### Answer:

 $9 = 9 \times 1 =$   $9 + 9 = 9 \times 2 = 18$   $9 + 9 + 9 = 9 \times 3 = 27$   $9 + 9 + 9 + 9 = 9 \times 4 = 36$   $9 + 9 + 9 + 9 + 9 = 9 \times 5 = 45$   $9 + 9 + 9 + 9 + 9 + 9 = 9 \times 6 = 54$  $9 + 9 + 9 + 9 + 9 + 9 + 9 = 9 \times 7 = 63$  9+9+9+9+9+9+9+9=9×8=72 9+9+9+9+9+9+9+9=9×9=81 9+9+9+9+9+9+9+9+9=9×10=90



9	9 × 1 = 9
9 9	9 × 2 = 18
9 9 9	9 × 3 = 27
9 9 9 9	9 × 4 = 36
9 9 9 9 9	9 × 5 = 45
9 9 9 9 9 9 9	9 × 6 = 54
9 9 9 9 9 9 9 9	9 × 7 = 63
9 9 9 9 9 9 9 9 9	<u>9 × 8 = 7</u>
999999999999	9 × 9 = <u>81</u>
999999999999	9 × 10 = 90

# Ex 2.5

Question 1.

9 × 3 = \_\_\_\_\_

#### Answer:

 $9 \times 3 = 27$ 

#### **Question 2.**

9 × 6 = \_\_\_\_

#### Answer:

 $9 \times 6 = 54$ 

#### **Question 3.**

9 × 10 = \_\_\_\_\_

#### Answer:

 $9 \times 10 = 90$ 

#### **Question 4.**

A sports team has 9 persons. How many persons will there be in 9 teams?

#### Answer:

1 Sports team = 9 persons 9 teams = 9 × 9 = 81 persons

#### **Question 5.**

Number of rods in a window is 9. Find the number of rods in 7 windows.

#### Answer:

Number of rods in a window = 9 Number of rods in 7 windows = 9 × 7 = 63 rods

#### **Complete the 10th table:**

From the tables 1 to 9 we will know the following:

# **Complete the following**

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

#### Answer:

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

# **Ex 2.6**

Multiply by 10, 100, 1000

#### Fill in the boxes.

- $1.10 \times 7 = 70$
- 2. 100 × 16 = \_\_\_\_\_
- 3. 1000 × 9 = 9000
- 4. 10 × 696 = \_\_\_\_\_
- $5.100 \times 96 = 9600$

6. 1000 × 6 = \_\_\_\_\_

#### Answer:

1.  $10 \times 7 = 70$ 2.  $100 \times 16 = \underline{1600}$ 3.  $1000 \times 9 = 9000$ 4.  $10 \times 696 = \underline{6960}$ 5.  $100 \times 96 = 9600$ 6.  $1000 \times 6 = \underline{6000}$ 

## Ex 2.7

Write the numbers 24, 16 and 36 as the product of two numbers. one is done for you.

## Question 1.





# Question 2.



#### Answer:



# Question 3.





# Question 4.



