









Chapter 1

Numbers

Complete the following table. (Text Book Page No. 2):

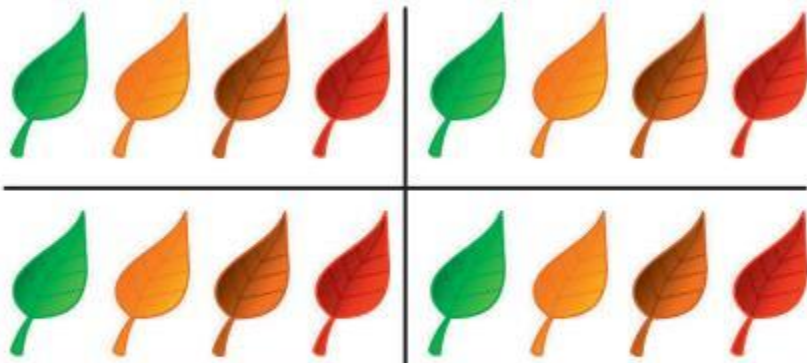
Stars	Number of horizontal rows	number of vertical columns	Total number of stars
	2	4	$2 \times 4 = 8$
			
			
			

Ans:

Stars	Number of horizontal rows	Number of vertical columns	Total number of stars
	2	4	$2 \times 4 = 8$
	4	3	$4 \times 3 = 12$
	3	5	$3 \times 5 = 15$
	3	2	$3 \times 2 = 6$

Repeated addition.

ii) Find the total number of leaves.



$4 + 4 + 4 + 4 =$

$4 \times 4 = 16$

Ans:

$$4 + 4 + 4 + 4 + 4 = 16$$

$$4 \times 4 = 16$$

iii) How many apples are there in four plates.



Ans:

There are four plates. Each has five apples.

$$\text{Total number of apples} = 5 + 5 + 5 + 5 = 20 \Rightarrow 5 \times 4 = 20$$

Activity (Text Book Page No. 5):

x	1	2	3	4	5	6	7	8	9	10
2	2	4			10				18	

Ans:

x	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20

Exercise (Text Book Page No. 5):

$2 \times 6 =$	
$9 \times 2 =$	
$3 \times 2 =$	

$7 \times 2 =$	
$2 \times 5 =$	
$2 \times 2 =$	

$8 \times 2 =$	
$4 \times 2 =$	
$2 \times 3 =$	

Ans:

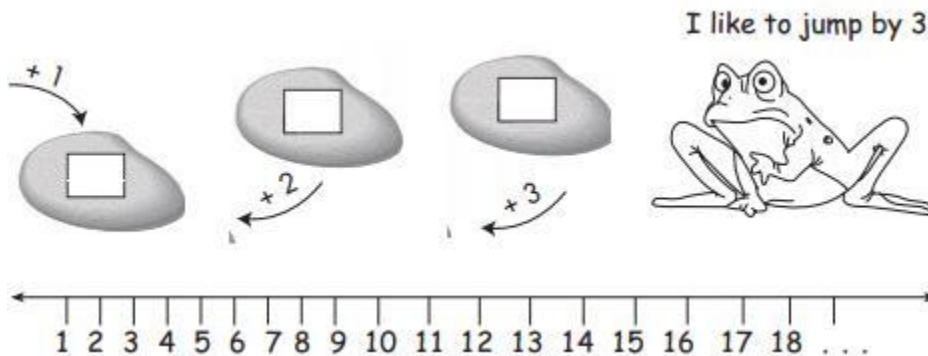
$2 \times 6 =$	12
$9 \times 2 =$	18
$3 \times 2 =$	6

$7 \times 2 =$	14
$2 \times 5 =$	10
$2 \times 2 =$	4

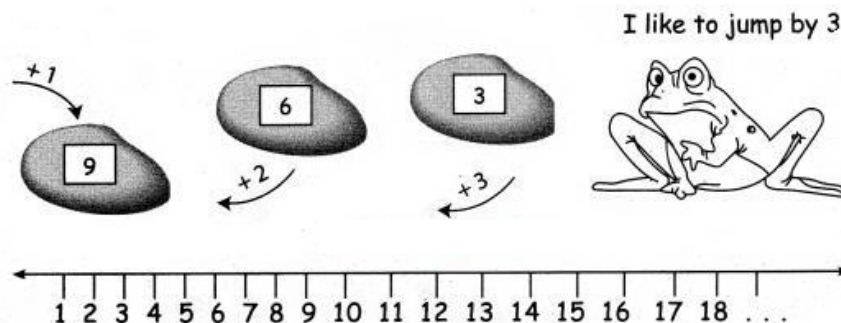
$8 \times 2 =$	16
$4 \times 2 =$	8
$2 \times 3 =$	6

Activity (Text Book Page No. 7):

Shall we say the multiples of 3.



Ans:



Multiples of 3 = 3, 6, 9, 12, 15, 18.

Exercise (Text Book Page No. 7):

Question 1.

Fill in the following tables:

x	1	2	3	4	5	6	7	8	9	10
2	2		6				14			
3	3				15					30

Ans:

x	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30

Question 2.

Fill in the boxes.

a. $6 \times 3 =$

Ans:

18

b. $5 \times 3 =$

Ans:

15

c. $3 \times 3 =$

Ans:

9

d. $\times 3 = 9$

Ans:

3

e. $10 \times 3 =$

Ans:

30

f. $3 \times 6 =$

Ans:

18

g. $8 \times 3 =$

Ans:

24

h. $2 \times$ $= 6$

Ans:

3

i. $4 \times 3 =$

Ans:

12

j. $3 \times 10 =$

Ans:

30

k. $3 \times 4 =$

Ans:

12

l. $9 \times 3 =$

Ans:

27

Exercise (Text Book Page No. 9):

Question 1.

Complete the table.

x	1	2	3	4	5	6	7	8	9	10
4				16			28		36	

Ans:

x	1	2	3	4	5	6	7	8	9	10
4	4	8	12	16	20	24	28	32	36	40

Question 2.



If there are 4 toys in a box, how many toys will be there in 5 boxes?

Ans:

$$4 \times 5 = 20$$

Question 3.

Fill in the boxes.

a. $3 \times \square = 12$

Ans:

4

b. $5 \times 4 = \square$

Ans:

20

c. $\times 4 = 28$

Ans:

7

d. $9 \times 4 =$

Ans:

36

e. $6 \times$ $= 24$

Ans:

4

f. $\times 3 = 12$

Ans:

4

g. $4 \times$ $= 12$

Ans:

3

h. $\times 4 = 40$

Ans:

10

Exercise (Text Book Page No. 11):

Question 1.

Fill in the blanks.

a. $\underline{\quad} \times 5 = 10$

Ans:

2

b. $4 \times \underline{\quad} = 20$

Ans:

5

c. $6 \times 5 = \underline{\quad}$

Ans:

30

d. $9 \times \underline{\quad} = 45$

Ans:

5

e. $\underline{\quad} \times 5 = 50$

Ans:

10

Question 2.



If there are 6 roses in a vase, how many roses will be there in 6 vases?

$$\square \times \square = \square$$

Ans:

$$6 \times 6 = 36$$

Exercise (Text Book Page No. 13):

Complete the following table.

x	1	2	3	4	5	6	7	8	9	10
5										
10										

Ans:

x	1	2	3	4	5	6	7	8	9	10
5	5	10	15	20	25	30	35	40	45	50
10	10	20	30	40	50	60	70	80	90	100

Exercise (Text Book Page No. 13):

Question 1.

Multiply the following numbers by regrouping.

(i) 75×8

Ans:

$$75 \times 8 = (70 + 5) \times 8$$

$$= 560 + 40 = 600$$

(ii) 26×5

Ans:

$$26 \times 5 = (20 + 6) \times 5$$

$$= 100 + 30 = 130$$

(iii) 372×6

Ans:

$$372 \times 6 = (300 + 70 + 2) \times 6$$

$$= 1800 + 420 + 12$$

$$= 2232$$

(iv) 402×7

Ans:

$$402 \times 7 = (400 + 2) \times 7$$

$$= 2800 + 14$$

$$= 2814$$

(v) 752×3

Ans:

$$752 \times 3 = (700 + 50 + 2) \times 3$$

$$= 2100 + 150 + 6$$
$$= 2256$$

Exercise (Text Book Page No. 16):

Question 1.

Find the product using standard algorithm.

(i) $20 \times 2 = \underline{\hspace{2cm}}$

Ans:

$$40$$

(ii) $21 \times 4 = \underline{\hspace{2cm}}$

Ans:

$$84$$

(iii) $65 \times 5 = \underline{\hspace{2cm}}$

Ans:

$$325$$

(iv) $14 \times 3 = \underline{\hspace{2cm}}$

Ans:

$$42$$

(v) $26 \times 10 = \underline{\hspace{2cm}}$

Ans:

$$260$$

Question 2.

Complete the following table.

i) If the cost of one pen is ₹ 5, what will be the cost of 8 pens?

Ans:

$$8 \times 5 = 40$$

ii) If there are 7 balls in a bag, how many balls will be there in 4 bags?

$$4 \times 7 = \underline{\hspace{2cm}}$$

Ans:

$$4 \times 7 = 28$$

iii) If the cost of one book is ₹ 10, what will be the cost of 7 books?

$$\underline{\hspace{2cm}} \times 10 = \underline{\hspace{2cm}}$$

Ans:

$$10 \times 7 = 70$$

iv) If there are 6 buttons in a shirt, how many buttons will be there in 3 shirts?

$$\underline{\quad} \times \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Ans:

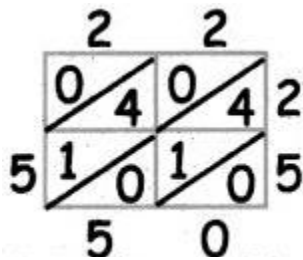
$$6 \times 3 = 18$$

Question 3.

Find the product of the following numbers using lattice multiplication.

i) 22×25

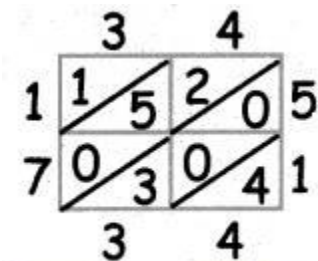
Ans:



$$22 \times 25 = 550$$

ii) 34×51

Ans:



$$34 \times 51 = 1734$$

iii) 45×24

Ans:

	4	5	
1	0	8	1
0	1	6	2
	8	0	

$$45 \times 24 = 1080$$

Exercise (Text Book Page No. 18):

Question 1.

If there are 4 toys in a box. How many toys will be there in 9 boxes?



Ans:

Number of Boxes = 9

Number of toys in each box = 4

Total number of toys = $9 \times 4 = 36$

Question 2.

If there are 3 colour pencils in a packet. How many pencils will be there in 9 packets.



Ans:

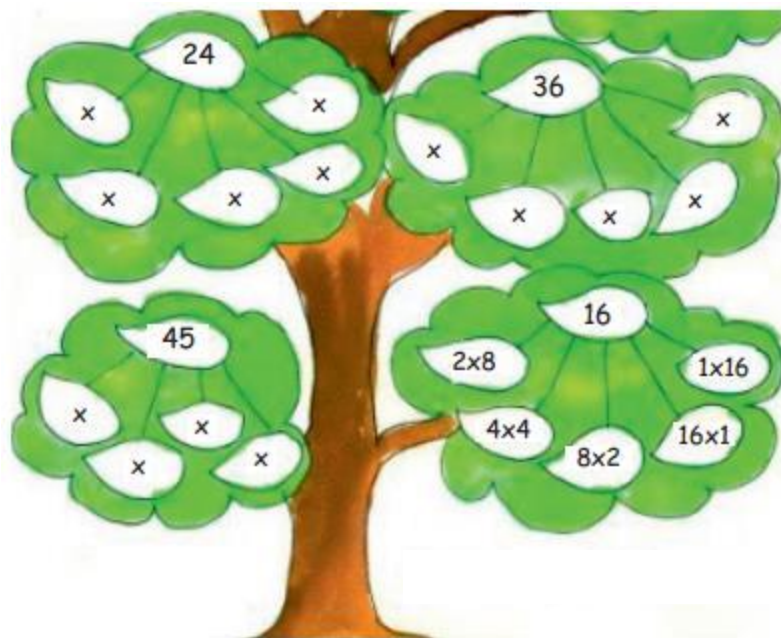
Number of packets = 9

Number of colour pencils in each packet = 3

Total number of colour pencils = $9 \times 3 = 27$

Question 3.

Write the multiplication fact for the following products



Ans:

