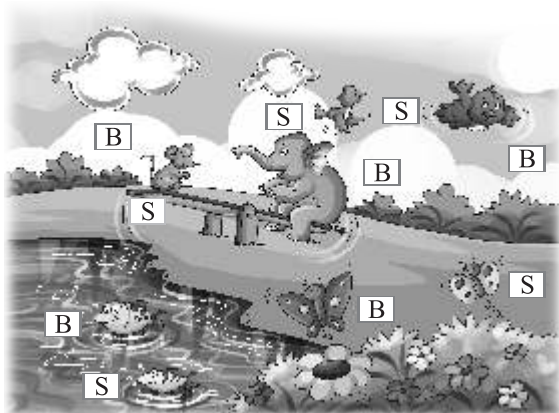# Maths

**Teacher's Manual
(Class 1-2)**

By:
Sulabh Sharma
B.Sc, M.Sc (Math)

1 Pre Number Concepts

Bigger and Smaller

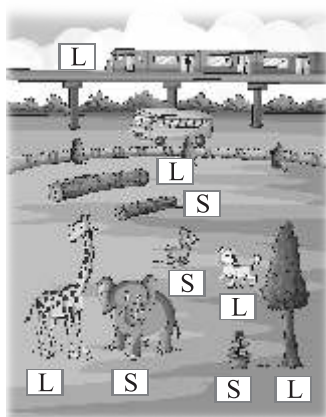**Write 'B' for big and 'S' for small:**

Ans.

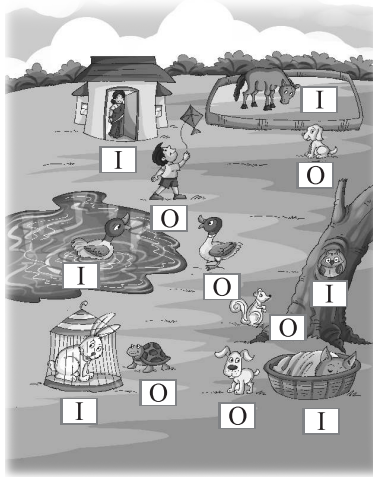## Longer and Shorter

Write 'L' for long and 'S' for short :

Ans.

Inside and Outside

Write 'I' for inside and 'O' for outside.
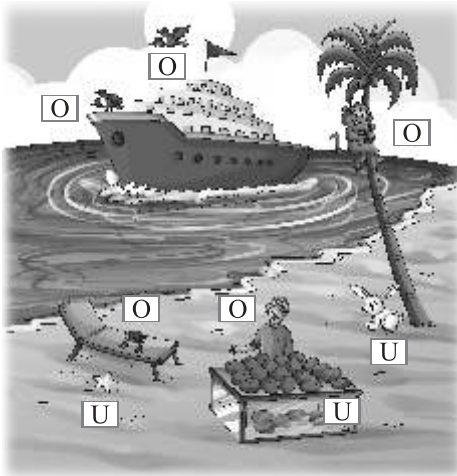
Ans.

On and Under

Write 'O' for on and 'U' for under.

Ans.

2 Numbers from 1 to 10

Bigger and Smaller

Lara, Harry, Alis and Rohan are at beach. Count the number of things you see in the picture:

Ans.

⛵ 2	🏐 1	🪣 5
🎒 3	🪣 6	🦀 4

Numbers from 1 to 10

Count and write the numbers form 1 to 10.

Ans.

✌	**1** One	1 1 1 1 1 1 1
✌	**2** Two	2 2 2 2 2 2 2
🖐	**3** Three	3 3 3 3 3 3 3
🖐	**4** Four	4 4 4 4 4 4 4
🖐	**5** Five	5 5 5 5 5 5 5
🖐	**6** Six	6 6 6 6 6 6 6
🖐	**7** Seven	7 7 7 7 7 7 7
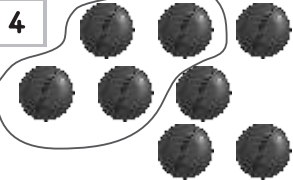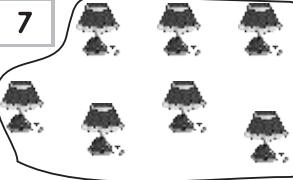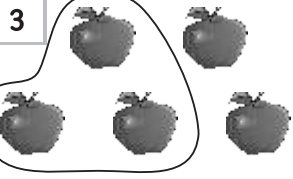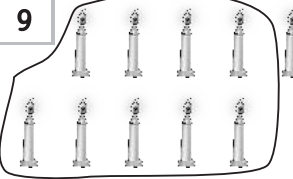
	8 Eight	8						
	9 Nine	9						
	10 Ten	10						

Fun with Maths

Circle as many objects as the given number.
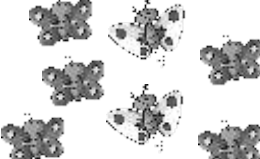
Ans.

4	7

3	9

Making Group

Circle as many objects as the given number.

Ans.

6 Six	7 Seven

8 Eight	3 Three
5 Five	4 Four
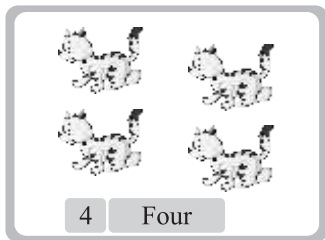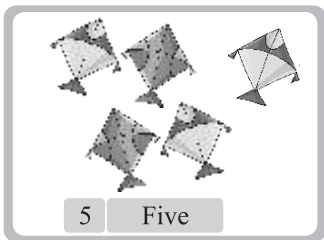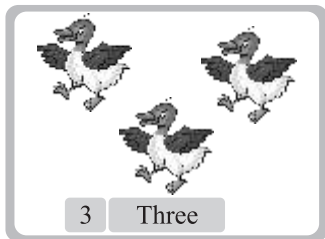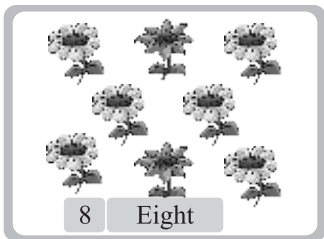
Understanding Zero

How many mangoes are there in the two baskets? Write the numbers in the boxes below.

Ans.

4 Four Mangoes   0 Zero Mango

Absence of something is written as '0'.
'0' is read as 'Zero'.

Colour all the clouds that have zero objects.

Ans.

Before, After and Between

Write the number.

Ans.

before	after	in between

before		after		in between		
5	6	0	1	1	2	3
8	9	7	8	3	4	5
7	8	5	6	6	7	8
1	2	8	9	8	9	10

Comparison of Numbers

Count the number of objects and put >, < or = sign.

Ans.

3 < 5

2 < 4

7 > 6

4 < 8

4	<	1	

4	<	8	

5	<	9	

5	=	5	
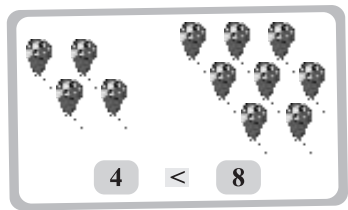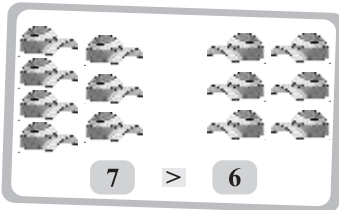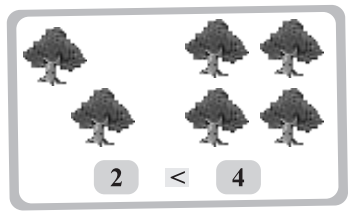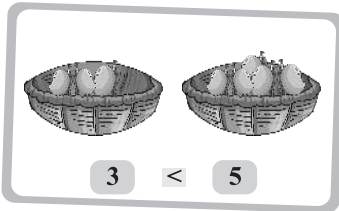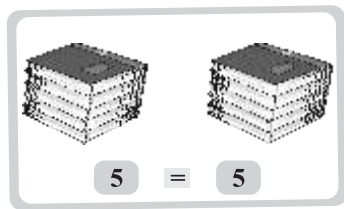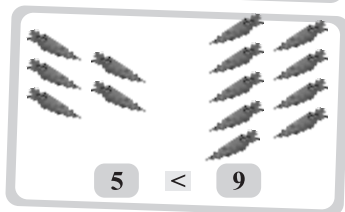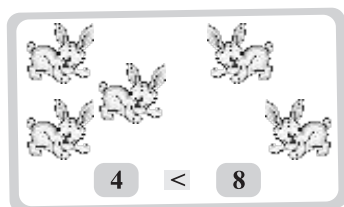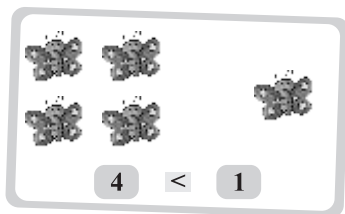
Biggest and Smallest

Tick (✓) the smallest number in each group :

Ans.

1 ✓	2	3		3 ✓	5	7
4 ✓	6	9		2 ✓	9	6
6	3 ✓	7		1 ✓	2	7
8	5 ✓	9		7	6	4 ✓

Tick (✓) the biggest number in each group :

7 ✓	3	1		9 ✓	4	0
6 ✓	3	2		1	4	5 ✓
3	4 ✓	2		5	6	8 ✓
5	9 ✓	8		3	2	7 ✓

Increasing and Decreasing order

Arrange these numbers in :

Ans. Increasing order. | Decreasing order

Increasing order:

1 5 0 8 7 → 0 1 5 7 8

4 8 7 9 2 → 2 4 7 8 9

5 8 9 6 3 → 3 5 6 8 9

Decreasing order:

6 3 2 5 1 → 6 5 3 2 1

2 0 4 1 3 → 4 3 2 1 0

2 0 5 9 7 → 9 7 5 2 0

---

3 | Numbers from 11 to 20

Join the numerals in sequence and colour the picture :

Ans.

Numbers from 11 to 20

Ans. Writing 11-20: | **Writing number names**

11	11	11
12	12	12
13	13	13

ELEVEN	ELEVEN	ELEVEN
TWELVE	TWELVE	TWELVE
THIRTEEN	THIRTEEN	THIRTEEN

14	14	14		FOURTEEN	FOURTEEN	FOURTEEN
15	14	14		FIFTEEN	FIFTEEN	FIFTEEN
16	16	16		SIXTEEN	SIXTEEN	SIXTEEN
17	17	17		SEVENTEEN	SEVENTEEN	SEVENTEEN
18	18	18		EIGHTEEN	EIGHTEEN	EIGHTEEN
19	19	19		NINETEEN	NINETEEN	NINETEEN
20	20	20		TWENTY	TWENTY	TWENTY

Match the pictures to the correct numbers and number names:

Ans.

12   Eighteen

15   Twenty

13   Fifteen

18   Seventeen

20   Thirteen

17   Twelve

Write the missing numbers:
Ans.

11 12 13 14 15 16 17 18 19 20

20 19 18 17 16 15 14 13 12 11

Before, After and Between

Write the number which comes before :
Ans.

6	7
16	17
14	15
19	20

0	1
17	18
18	19
10	11

11	12
13	14
12	13
9	10

Write the number which comes after :

15	16
17	18
10	11
14	15

9	10
18	19
8	9
13	14

16	17
11	12
7	8
19	20

Write the number which comes in between :

6	7	8
14	15	16
17	18	19
16	17	18

1	2	3
10	11	12
7	8	9
11	12	13

9	10	11
18	19	20
5	6	7
4	5	6

Numbers on Abacus

1. **Look at the abacus. Write the nuber and number name in the given space :**

a.

| 13 |

T   O

THIRTEEN

b.

| 16 |

T   O

SIXTEEN

c.

| 19 |

T   O

NINETEEN
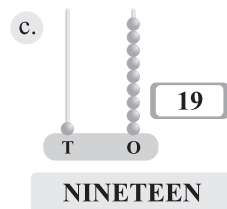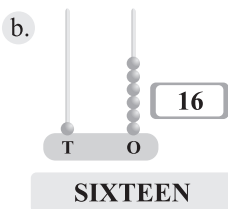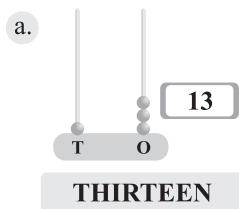
2. **Draw beads on the abacus to show the given numbers:**

a.

| T | O |
| 1 | 7 |

b.

| T | O |
| | 8 |

c.

| T | O |
| 1 | 3 |
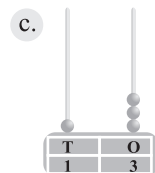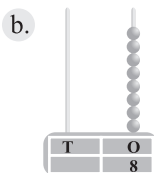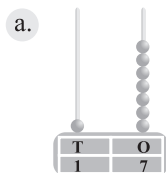
Biggest and Smallest Numbers

Tick (✓) the smaller number in each pair :

Ans.

| 7 |
✓
        | 13 |

| 15 |
✓
        | 17 |

| 8 |
✓
        | 19 |

| 11 |
        | 9 |
        ✓

Cross (✗) the bigger number in each pair:

| 7 |
        | 13 |
        ✗

| 15 |
        | 17 |
        ✗

| 8 |
        | 19 |
        ✗

| 11 |
✗
        | 9 |

Arrange the following numbers in ascending order:

Ans.

| 14   17 |
| 10 |
| 19   13 |

10 13 14 17 19

| 8   5 |
| 19 |
| 14   16 |

16 15 14 9   8

| 9   12 |
| 20 |
| 15   18 |

9   12 15 18 20

| 18   9 |
| 12 |
| 10   11 |

20 17 14 11 8

Arrange the following numbers in descending order.

Ans.

18	11		18 17 16 12 11
	12		
17	16		

14	16		16 15 14 9 8
	9		
8	15		

13	10		15 14 13 12 11
	9		
15	14		

20	17		20 17 14 11 8
	8		
11	14		

Multiple Choice questions

Tick (✔) the correct choice :

Ans. 1. b. fifteen   2.   c. 16   3.   c. 19   4. b. 20

Mental Maths

Find the correct spelling of numbers 11-20 from word search.

T	H	I	R	T	E	E	N	S	E	V
A	B	E	S	E	V	T	E	N	T	P
T	S	I	E	L	E	V	E	N	J	S
W	F	G	V	K	L	M	N	O	P	Q
E	I	H	E	R	S	T	U	V	W	X
L	F	T	N	I	N	E	T	E	E	N
V	T	E	T	G	T	N	E	X	I	S
E	E	E	E	S	I	X	T	E	E	N
I	E	N	E	Y	T	W	E	N	T	Y
T	N	E	N	T	Y	S	E	X	E	V
S	M	F	O	U	R	T	E	E	N	K

Hots

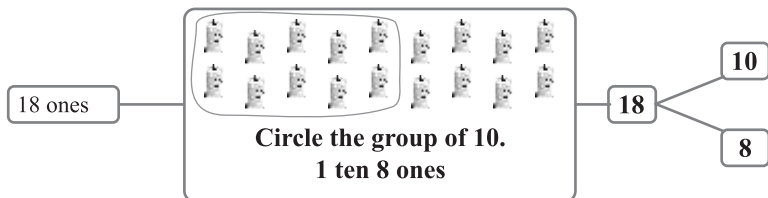**Here are some jumbled words. Get the correct words and write the corresponding numerals.**

Ans. 1.   Sixteen   2.   Twelve   3.   Thirteen

Fun with Maths

Convert the following into tens and ones.

18 ones

Circle the group of 10.
1 ten 8 ones

18 → 10
18 → 8

24 ones

Circle the groups of 10.
2 ten 4 ones

24 → 20
24 → 4

31 ones

Circle the group of 10.
3 ten 1 ones

31 → 30
31 → 1

96 ones

9 ten 6 ones

96 → 90
96 → 6
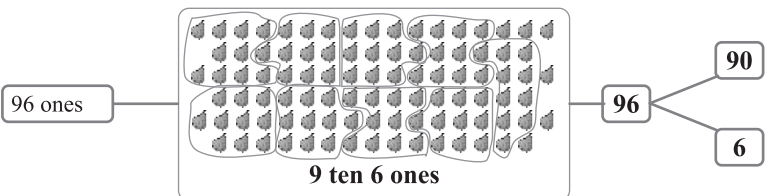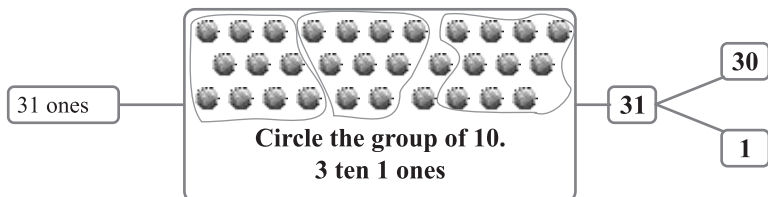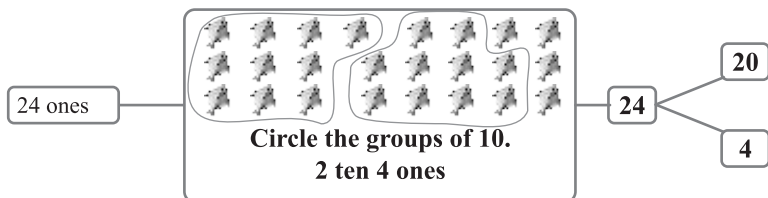
4 Ordinal Numbers

Draw a line matching the animal to its correct position from the engine:
Ans.

Third	Second	Fifth	First	Fourth
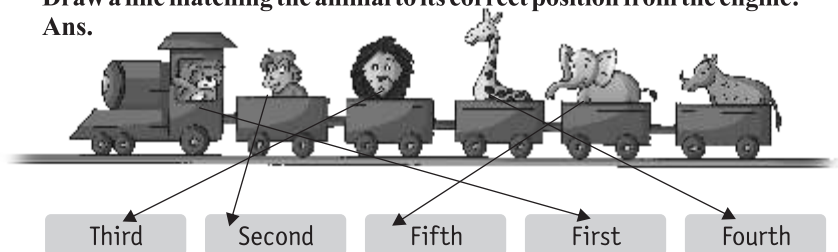
Colour the third animal yellow and first animal brown :
Ans.

Brown colour

Yellow colour

Mental Maths

1. **Counting from the right and do the following :**

   Colour the 4th bird. ➡

   Colour the 2nd kite. ➡
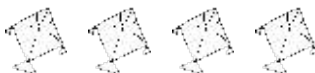
2. **Write the position of letters E and I in the word MATHEMATICS.**
   E _____Fifth_____   I _____Ninth_____

Fun with Maths

Write the ordinal number of the following :
Ans. The rabbit is at fourth position.
      The tiger is at **first** position.
      The **ant** is at seventh position.
      The lion is at **second** position.

The **giraff** is at third position.
The turtle is at **sixth** position.
The **deer** is at fifth position.

Multiple Choice Questions

Look at the picture and tick (✓) the correct choice.
Ans.   1.   b. Green   2. a. Red boat   3. c. Third

5 Addition up to 20

Count, say and write the numbers in the empty boxes.
Ans.

and   is

| 2 | + | 2 | = | 4 |

and   is

| 2 | + | 4 | = | 6 |

and   is

| 6 | + | 1 | = | 7 |

Addition on Number Line

Add these numbers using the number line :

Add 2 and 4.

Ans.

0   1   2   3   4   5   6   7   8   9   10

2 + 4 =   6

Add 6 and 2.

0   1   2   3   4   5   6   7   8   9   10

6 + 2 =   8
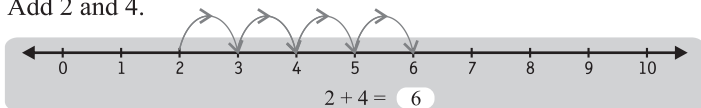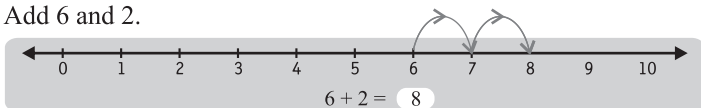
Properties of Addition

Write the missing numbers :

Ans.

9	+	1	=	**10**
3	+	**1**	=	4
1	+	7	=	8

5	+	**1**	=	6
1	+	8	=	9
6	+	1	=	**7**

Now add.

Ans.

3	+	0	=	**3**
8	+	0	=	**8**
2	+	0	=	**2**

0	+	5	=	**5**
1	+	0	=	**1**
0	+	7	=	**7**

Order in Addition

Now add these.

Ans.

5 + 4 = 9 is same as
4 + 5 = 9

7 + 2 = 9 is same as
☐ + ☐ = ☐

6 + 1 = 9 is same as
☐ + ☐ = ☐

4 + 2 = 6 is same as
2 + 4 = 6

5 + 3 = 9 is same as
3 + 5 = 8

Hots

Abhay's age is less than 9 years.
It is more than 4 + 3.
Abhay is **8** years old.
Draw as many candles on the cake.

Vertical (Column) Addition

Fill in the boxes.

Ans.

	5
+	1
	6

	3
+	2
	5

	4
+	3
	7

	6		3		2
+	3	+	3	+	7
	5		9		8

	2		8		5
+	3	+	1	+	3
	5		9		8

Add these numbers.

Ans.

	1
+	5
	6

	7
+	2
	9

	6
+	3
	9

	4
+	4
	8

	5
+	3
	8

	2
+	4
	6

	1
+	3
	4

	7
+	3
	1 0

	6
+	1
	7

	2
+	6
	8

	5
+	4
	9

	4
+	6
	1 0

	4
+	3
	7

	3
+	3
	6

	1
+	8
	9

	7
+	1
	8

	5
+	2
	7

	5
+	1
	6

	7
+	0
	7

	2
+	3
	5

Add and write the answer in the box.

Ans.

8 + 2 10	9 + 4 13	10 + 8 18	12 + 5 17
9 + 2 11	7 + 4 11	7 + 7 14	5 + 8 13
7 + 9 16	6 + 7 13	7 + 6 13	6 + 5 11
4 + 6 10	9 + 7 16	3 + 9 12	6 + 8 14
11 + 7 18	12 + 1 13	13 + 3 16	6 + 14 20
2 + 18 20	17 + 3 30	5 + 13 18	4 + 14 18

Add the following.

Ans.

1 + 5 + 0 = 6

6 + 0 = 6

$$\begin{array}{r} 7 \\ 1 \\ 2 \\ \hline 10 \end{array}$$ 8

$$\begin{array}{r} 4 \\ 0 \\ 3 \\ \hline \end{array}$$ 4

$3 + 0 + 9 = 6$

$3 + 9 = 12$

$7 + 2 + 5 = 14$

$9 + 5 = 14$

```
  4
  1
  1      5
-----
  6
```

```
  5
  2
  6      7
-----
 13
```

```
  3
  4
  2      7
-----
  9
```

```
  1
  3
  4      4
-----
  8
```

Word Problems

Ans.

1.

There were 4 hens and 3 chicks in a farm.
So, there were ⟨7⟩ birds in all.

```
    4
+   3
----
    7
```

2.

Ankur has 4 balloons. Mayank has 5 balloon.
So, they have ⟨9⟩ balloons in all.

```
    4
+   5
----
    9
```

3.

There are 3 sheep in the field.
1 more sheep joins them.
Now, there are ⟨4⟩ sheep in all.

```
    3
+   1
----
    4
```

4.

Soha had 15 stamps. Her father gave her 5 more. How many stamps does Soha have now?
So, Soha has 120 stamp now.

```
   15
+   5
----
   20
```

5.

There are 12 bananas and 6 apples in a basket. How many fruits are there in the basket?

$$
\begin{array}{r}
12 \\
+ \quad 6 \\
\hline
18
\end{array}
$$

Fun with Maths

Romy wants to catch only those fish which have correct answers on them. Colour the fish that Romy caught.

Ans.

7+4=14　　18+1=19　　19+1=20　　3+8=11　　11+1=12　　5+3=8　　0+1=5　　6+2=7　　11+2=14　　2+3=5
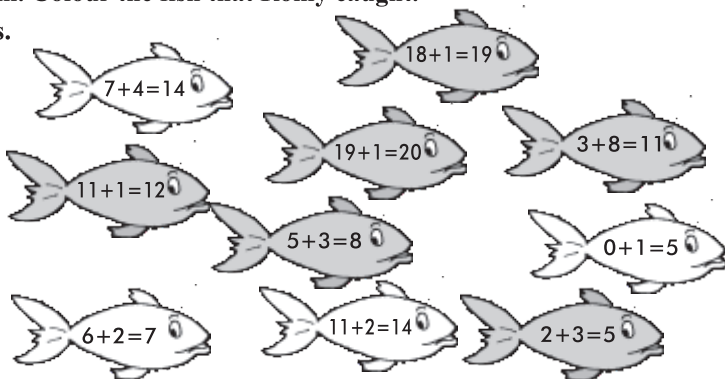
Multiple Choice Questions

Tick (✓) the correct choice :

Ans.　1.　b. 7　　　2. a. '+'　　　3. c. 8　　　4. c. 3

6　Subtraction up to 20

Look, read and fill in the blanks.

Ans.

6 – 3 = 3

6 balloons　　　3 flew away　　　How many left?

$4 - 4 =$ | 0

4 puppies in a basket   All jumped out   How many puppies left in the basket?

Cross Out and Subtract

Cross (✗) out to show how many left. Write the answer:

Ans.

$7 - 2 = 5$

$8 - 5 = 4$

$5 - 4 = 4$
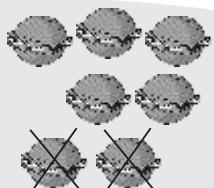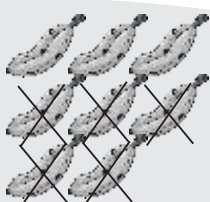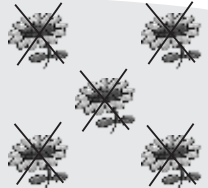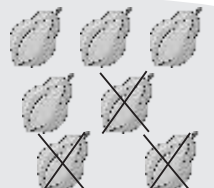
$7 - 3 = 4$

$6 - 1 = 5$

$9 - 2 = 7$
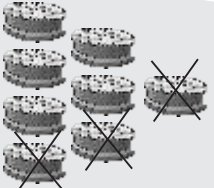
$8 - 3 = 5$
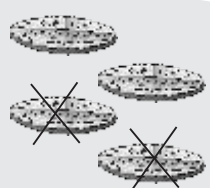
$4 - 2 = 2$
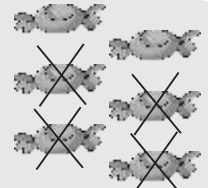
$6 - 4 = 2$

Subtraction on a Number Line
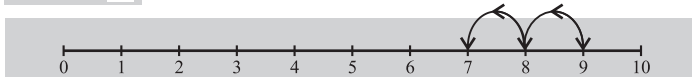
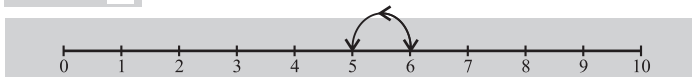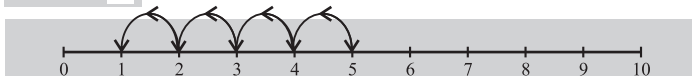**Subtract the umbers on the number line :**

Ans.

7 − 4 = 3
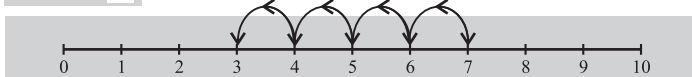
8 − 2 = 6
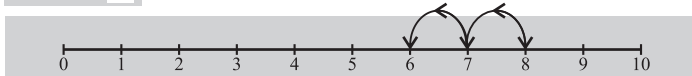
9 − 2 = 7

6 − 1 = 5

5 − 4 = 1

Subtracting Zero

Subtract :

Ans.

5 − 0 = **5**   8 − 0 = **8**   1 − 0 = **1**

3 − 0 = **3**   2 − 0 = **2**   10 − 0 = **10**

Subtracting One

Ans.

4 − 1 = 3   4 − 1 = 3

Subtract :

2 – 1 = 1	1 – 1 = 0	3 – 1 = 2
6 – 1 = 5	9 – 1 = 8	8 – 1 = 7
5 – 1 = 4	7 – 1 = 6	10 – 1 = 9

Subtracting a Number from Itself

2 – 1 = 1	1 – 1 = 0	3 – 1 = 2
6 – 1 = 5	9 – 1 = 8	8 – 1 = 7
5 – 1 = 4	7 – 1 = 6	10 – 1 = 9

Subtracting a Number from Itself

Subtract the following :

Ans.

4 – 4 = 0	9 – 9 = 0	8 – 8 = 0
6 – 6 = 0	1 – 1 = 0	10 – 10 = 0

Mental Maths

Subtract and colour the quilt.

Ans.

2 = **green**

3 = **red**

4 = **yellow**

5 = **pink**

6 = **blue**

5 – 3	6 – 4 Green	9 – 7 Green	7 – 1 Blue
5 – 1 Yellow	5 – 2 Red	7 – 2 Pink	6 – 3 Red
8 – 4 Yellow	5 – 0 Pink	7 – 4 Red	8 – 3 Pink
8 – 2 blue	7 – 5 Green	4 – 2 Green	8 – 5 Red
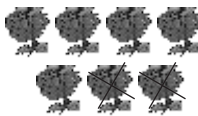
Project

Do it yourself.
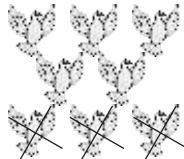
Vertical Subtraction
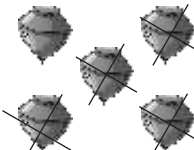
Cross (✗) out and subtract.
Ans.
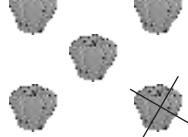
$$\begin{array}{r} 7 \\ -\ 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ -\ 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 8 \\ -\ 3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ -\ 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ -\ 4 \\ \hline 1 \end{array}$$

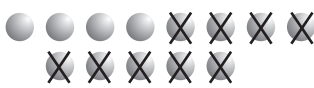$$\begin{array}{r} 5 \\ -\ 1 \\ \hline 4 \end{array}$$

Subtract the following :

$$\begin{array}{r} 8 \\ -\ 6 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ -\ 5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7 \\ -\ 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ -\ 2 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 2 \\ -\ 1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 4 \\ -\ 1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 7 \\ -\ 3 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ -\ 2 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 5 \\ -\ 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8 \\ -\ 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ -\ 1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ -\ 3 \\ \hline 5 \end{array}$$

Hots
Ans. 1. Five 2. Four
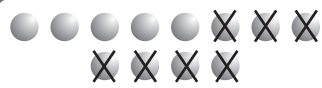
Subtraction (1-20)
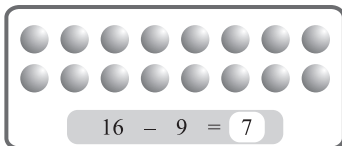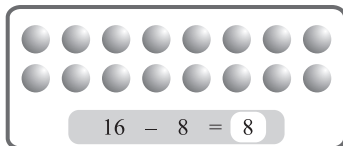**How subtract. Put a (✗) on the marbles you take away :**
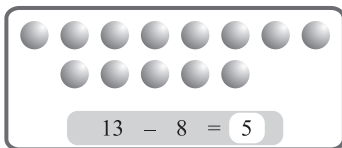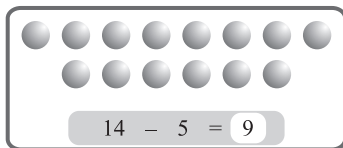**Ans.**

$$13 \ - \ 9 \ = \ 4$$

$$12 \ - \ 7 \ = \ 5$$

14 – 5 = 9

13 – 8 = 5

16 – 8 = 8

16 – 9 = 7

Subtract by making dots and crossing out :
Ans.

13 – 8 = 5 ➡

17 – 3 = ➡

19 – 10 = ➡

15 – 5 = ➡

17 – 8 = ➡

14 – 8 = ➡

16 – 9 = ➡

12 – 5 = ➡

14 – 5 = ➡
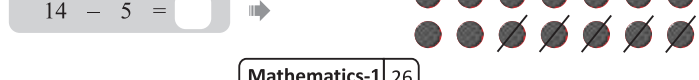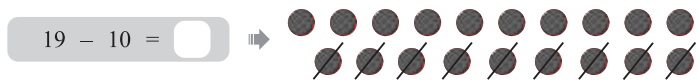
Vertical Subtraction

Draw as many lines as the bigger number. Now, subtract by crossing out them. One has been done for you.

Ans.

15 ||||||||||||||||
− 8
7

17 ||||||||||
||||||||
− 6
11

12 ||||||||||||
||
− 7
5

19 |||||||||||
|||||||
− 5
14

14 |||||||||||
||||
− 8
6

16 ||||||||||||
|||||
− 3
13

15 ||||||||||||
|||||
− 3
12

11 ||||||||||||
|
− 10
1

14 |||||||||||
||||
− 9
5

13 |||||||||
|||
− 2
11

12 |||||||||||
||
− 4
8

18 |||||||||||
|||||||
− 5
13

16 |||||||||||
||||||
− 9
7

13 ||||||||||
|||
− 9
4

12 ||||||||||||
||
− 5
7

12 ||||||||||||
||
− 6
6

18 ||||||||||
||||||||
− 8
10

16 |||||||||||
|||||
− 6
10

Word Problems

Ans. **1.**

Mohit had 7 crayons.

He lost 2 of them.

So, Mohit had left 5 crayons with him.

7 |||||||
− 2
5

2.

Revthi has 8 dolls.

She gave 3 dolls to her sister.

So, she has left ⟨5⟩ dolls with her.

$$\begin{array}{r} 8 \\ -\ 3 \\ \hline 5 \end{array}$$

3.

Mahima has 7 flowers.

She gave 3 to her teacher.

So, Mahima has left ⟨4⟩ flowers with her.

$$\begin{array}{r} 7 \\ -\ 3 \\ \hline 4 \end{array}$$

4.

12 birds are sitting on a tree. 8 of them flew away. So, there are ⟨5⟩ birds left on the tree.

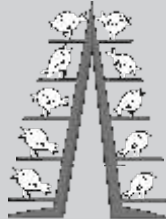$$\begin{array}{r} 12 \\ -\ 8 \\ \hline 4 \end{array}$$

5.

Sania bought 16 eggs. 6 of them were broken. So, ⟨10⟩ eggs were left with Sania.

$$\begin{array}{r} 16 \\ -\ 6 \\ \hline 10 \end{array}$$

Fun with Maths

Subtract, colour and write the answer.

Ans.

Colour 5 – 3 = ⟨2⟩ balloons

Colour 5 – 2 = ⟨3⟩ flowers

Colour 12 – 2 = ⟨2⟩ balls

Colour 10 – 0 = ⟨10⟩ birds

Colour 6 – 3 = ⟨2⟩ parts

Look at the picture and tick (✓) the correct choice.

Ans. 1. b. Subtraction   2. a. 4   3. b. 0

       4. a. 15   5. b. 4

7   Numbers 21 to 100

How many balloons are there?

Ans.

☐ ten + ☐ ones = ☐

☐ ten + ☐ ones = ☐
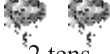
Write the number names :

Ans. 9 _____   19 _____

      17 _____   20 _____

Numbers from 21 to 30
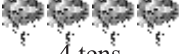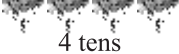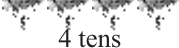
Trace the numbers 21 to 30 and say the number names aloud:

Ans.

2 tens	and	1 one	= **21**	twenty-one
2 tens	and	2 ones	= **22**	twenty-two
2 tens	and	3 ones	= **23**	twenty-three
2 tens	and	4 ones	= **24**	twenty-four
2 tens	and	5 ones	= **25**	twenty-five

2 tens	and	6 ones	=	26 twenty-six
2 tens	and	7 ones	=	27 twenty-seven
2 tens	and	8 ones	=	28 twenty-eight
2 tens	and	9 ones	=	29 twenty-nine
2 tens	and	10 ones	=	30 thirty

Numbers from 41 to 50

Trace the numbers 41 to 50 and say the number names aloud:

Ans.

4 tens	and	1 one	=	41 forty-one
4 tens	and	2 ones	=	42 forty-two
4 tens	and	3 ones	=	43 forty-three
4 tens	and	4 ones	=	44 forty-four
4 tens	and	5 ones	=	45 forty-five
4 tens	and	6 ones	=	46 forty-six
4 tens	and	7 ones	=	47 forty-seven

4 tens	and	8 ones	=	48	forty-eight
4 tens	and	9 ones	=	49	forty-nine
4 tens	and	10 ones	=	50	fifty

Correct the spelling of the numbers names :

Ans.

Tewnty	**Twenty**	Tvelwe	**Twelve**
Thirty-wot	**Thirty-two**	Tewnty-seevn	**Twenty**
Forty-fvie	**Forty-five**	tyffi	**Eighty**
sitxeen	**Sixteen**	tirhty	**Thirty**

Write the correct numbers in the blank boxes :

Ans.

3 tens	+	9 ones	=	39	2 tens	+	1 one	=	21
2 tens	+	6 ones	=	26	4 tens	+	8 ones	=	48
5 tens	+	0 ones	=	50	3 tens	+	7 ones	=	37
2 tens	+	9 ones	=	29	4 tens	+	4 ones	=	44

Write the number before, after or in between the given numbers.

before	after	in between

Ans.

37	38		32	33		27	28	29
27	28		24	25		48	49	50
34	35		19	20		36	37	38

Fun with Maths

Join the dots from 1 50. complete the picture and fill some beautiful colours.
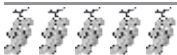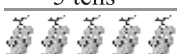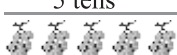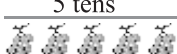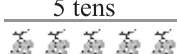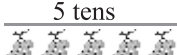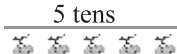
Ans.
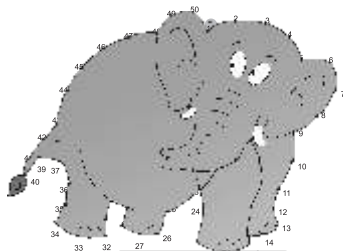
Numbers from 51 to 60

Count and write the numbers and number names.

Ans.

5 tens	and	1 one	=	**51**	fifty-one
5 tens	and	2 ones	=	**52**	fifty-two
5 tens	and	3 ones	=	**53**	fifty-three
5 tens	and	4 ones	=	**54**	fifty-four
5 tens	and	5 ones	=	**55**	fifty-five
5 tens	and	6 ones	=	**56**	fifty-six
5 tens	and	7 ones	=	**57**	fifty-seven
5 tens	and	8 ones	=	**58**	fifty-eight
5 tens	and	9 ones	=	**59**	fifty-nine
5 tens	and	10 ones	=	**60**	sixty
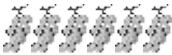
Numbers from 61 to 70

Count and write the numbers and number names.

Ans.

| 6 tens | and | 1 one | = | **61** | sixty-one |

6 tens	and	2 ones	= 62 sixty-two
6 tens	and	3 ones	= 63 sixty-three
6 tens	and	4 ones	= 64 sixty-four
6 tens	and	5 ones	= 65 sixty-five
6 tens	and	6 ones	= 66 sixty-six
6 tens	and	7 ones	= 67 sixty-seven
6 tens	and	8 ones	= 68 sixty-eight
6 tens	and	9 ones	= 69 sixty-nine
6 tens	and	10 ones	= 70 seventy

Numbers from 71 to 80

Count and write the numbers and number names.

Ans.

7 tens	and	1 one	= 71 seventy-one
7 tens	and	2 ones	= 72 seventy-two
7 tens	and	3 ones	= 73 seventy-three

7 tens	and	4 ones	=	**74**	seventy-four
7 tens	and	5 ones	=	**75**	seventy-five
7 tens	and	6 ones	=	**76**	seventy-six
7 tens	and	7 ones	=	**77**	seventy-seven
7 tens	and	8 ones	=	**78**	seventy-eight
7 tens	and	9 ones	=	**79**	seventy-nine
7 tens	and	10 ones	=	**80**	eighty

Numbers from 91 to 100

Count and write the numbers and number names.

Ans.

9 tens	and	1 one	=	**91**	ninety-one
9 tens	and	2 ones	=	**92**	ninety-two
9 tens	and	3 ones	=	**93**	ninety-three
9 tens	and	4 ones	=	**94**	ninety-four
9 tens	and	5 ones	=	**95**	ninety-five

9 tens	and	6 ones	=	**96** ninety-six
9 tens	and	7 ones	=	**97** ninety-seven
9 tens	and	8 ones	=	**98** ninety-eighty
9 tens	and	9 ones	=	**99** ninety-nine
9 tens	and	10 ones	=	**100** hundred

Write the numerals of the following :

Ans. Thirty-four	**34**	Seventy-one	71
Forty-three	43	Forty-two	42
Nineteen	19	Ninety-nine	99
Ninety-six	96	Fifty-four	54
Sixty-seven	67	Sixty	60

Match the following :

Ans.
35 — Seventy-two
96 — Forty-nine
51 — Thirty-five
72 — Ninety-six
49 — Fifty-one

97 — Ninety-five
45 — Forty-six
95 — Forty-five
46 — Twenty-one
21 — Ninety-seven

Comparison of Numbers

Put a tick (✓) on the smaller number in the box given below :

Ans.
27 ✓   51 ☐ | 38 ✓   40 ☐ | 24 ☐   21 ✓ | 12 ✓   52 ☐

Put a tick (✓) on the bigger number in the box given below :

Ans.

32	14		11	40		44	90		59	35
✓	☐		☐	✓		☐	✓		✓	☐

Put the correct sign >, < or = in the circle :

Ans.

73 = 73   62 > 49   81 > 70

90 > 80   19 = 19   44 < 70

76 > 47   40 > 39   94 > 49

68 < 86   21 < 32   76 < 67

<center>Biggest and Smallest</center>

Write the biggest number in the boxe :

Ans.

8   17   23   36   43   12   76   80   64

　　23　　　　　　　43　　　　　　　80

Write the biggest number in the boxe :

Ans.

41   32   22   15   21   8   67   59   38

　　22　　　　　　　8　　　　　　　38

<center>Ascending and Descending order</center>

Arrange the following in ascending order :

Ans.

60 30					
35					
28 96	84	65	56	48	18

27 47					
83					
49 67	70	60	50	40	30

90 32					
68					
44 71	93	83	31	19	13

Write the number and number name as shown by the abacus.

Ans.

T	O
7	4

T	O
5	5

T	O
4	6
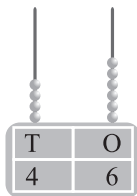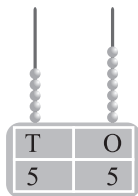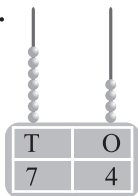
Arrange the given numbers on the abacus.

Ans.

T	O
3	0

T	O
7	5

T	O
9	6
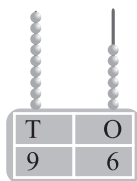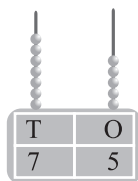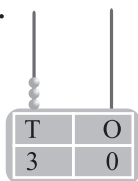
Multiple Choice Questions

Look at the picture and tick (✔) the correct choice.

Ans. 1. c. 94   2. c. sixty-one   3. a. 79   4. a. 2

8 More on Addition and Subtraction

Read the questions and answer.

Ans.

There are 9 zebras and 5 giraffes in the zoo. How many more zebras are there?

Ans. There are 4 zebras are more than girraffes.

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$
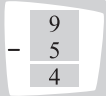
There are 9 ducks, 3 crocodiles and 7 frogs. How many water animals in all?

Ans. There are 19 water animal in all.

$$\begin{array}{r} 9 \\ 3 \\ + 7 \\ \hline 19 \end{array}$$
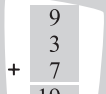
There are 7 lions. 3 of them are baby lions. How many are adult lions?

Ans. There are 4 adult lions.

$$\begin{array}{r} 7 \\ - 3 \\ \hline 4 \end{array}$$
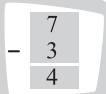
There are 4 elephants and 8 hippos. How many big animals are there?

Ans. There are 12 big animals.

```
   4
+  8
  12
```

Addition Without Regrouping

Add the following :

Ans.

T	O
3	5
+	2
3	7

T	O
9	1
+	2
9	3

T	O
6	8
+	1
6	9

T	O
2	7
+	1
2	9

T	O
1	7
+	2
1	9

T	O
4	8
+	1
4	9

T	O
7	1
+	4
7	5

T	O
5	2
+	3
5	5

T	O
4	8
+	1
4	9

T	O
4	3
+	5
4	8

Add the following :

Ans.

T	O
3	4
+ 3	3
6	7

T	O
4	2
+ 2	5
6	7

T	O
1	4
+ 6	3
7	7

T	O
2	4
+ 2	4
4	8

T	O
3	5
+ 4	4
7	9

T	O
3	6
+ 2	1
5	7

T	O
4	8
+ 1	1
5	9

T	O
2	2
+ 4	2
6	4

T	O
3	3
+ 5	5
8	8

T	O
3	5
+ 4	1
7	6

T	O
2	3
+ 7	5
9	8

T	O
8	1
+ 1	6
9	7

T	O
5	3
+ 2	6
7	9

T	O
1	8
+ 3	1
4	9

T	O
2	9
+ 6	0
8	9

Addition with Regrouping

Ans.

T	O
4	14

5 tens 4 ones

T	O
2	17

3 tens 7 ones

T	O
5	18

6 tens 8 ones

T	O
3	17

4 tens 7 ones

T	O
3	13

4 tens 3 ones

T	O
6	14

7 tens 4 ones

T	O
1	18

2 tens   8 ones

T	O
5	11

6 tens   1 ones

T	O
7	17

8 tens   7 ones

Add the following :

Ans.

	T	O
		①
	5	3
+	2	9
	8	**2**

	T	O
		①
	2	2
+	4	9
	7	**1**

	T	O
		①
	6	4
+	1	8
	8	**2**

	T	O
		①
	4	9
+	4	1
	9	**0**

	T	O
		①
	3	6
+	3	8
	7	**4**

	T	O
		①
	4	9
+	3	8
	8	**7**

	T	O
		①
	3	1
+	5	9
	9	**0**

	T	O
		①
	5	4
+	3	9
	9	**3**

	T	O
		①
	8	6
+	1	5
	10	**1**

	T	O
		①
	7	7
+	1	4
	9	**1**

	T	O
		①
	3	6
+	4	9
	8	**5**

	T	O
		①
	6	6
+	2	6
	9	**2**

	T	O
		①
	2	7
+	6	8
	9	**5**

	T	O
		①
	1	9
+	2	6
	4	**5**

	T	O
		①
	7	5
+	1	7
	9	**2**

	T	O
		①
	3	7
+	5	4
	9	**1**

	T	O
		①
	5	6
+	2	5
	8	**1**

	T	O
		①
	6	5
+	1	8
	8	**3**

	T	O
		①
	3	6
+	2	7
	6	**3**

	T	O
		①
	2	2
+	4	8
	7	**0**

	T	O
		①
	5	2
+	1	8
	7	**0**

	T	O
		①
	3	6
+	2	8
	6	**4**

	T	O
		①
	7	7
+	1	3
	9	**0**

	T	O
		①
	2	5
+	3	8
	6	**3**

	T	O
		①
	6	8
+	1	4
	8	**2**

	T	O
		①
	7	9
+	1	9
	9	**8**

	T	O
		①
	5	4
+	2	7
	8	**1**

	T	O
		①
	2	9
+	5	3
	8	**2**

	T	O
		①
	5	3
+	3	8
	9	**1**

	T	O
		①
	5	8
+	2	7
	8	**5**
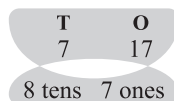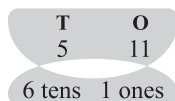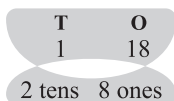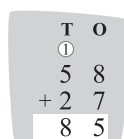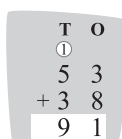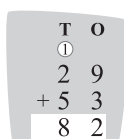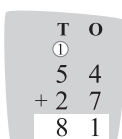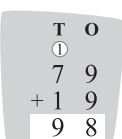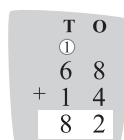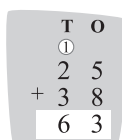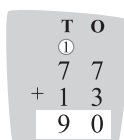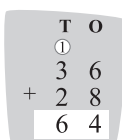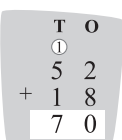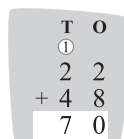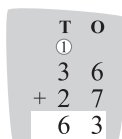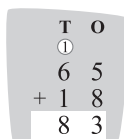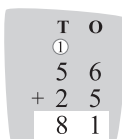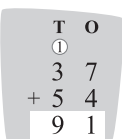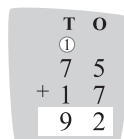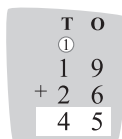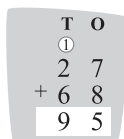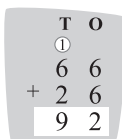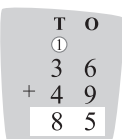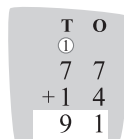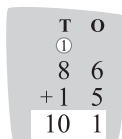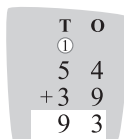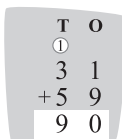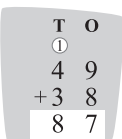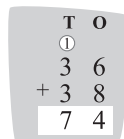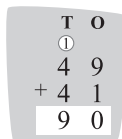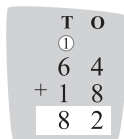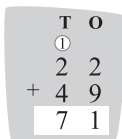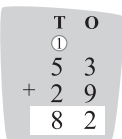
Word Problems

Solve the following story problems :

Ans.

1.
Rani has 16 red crayons and 25 blue crayons. How many crayons does she have in all?

Ans. Rani has 41 Crayons in all.

```
    T   O
    ①
    1
+   2
    4
```

2.
Kabir drew 35 pictures. His friend drew 29 pictures. How many pictures did they draw in all?

Ans. They drew 64 pictures in all.

```
    T   O
    ①
    3   5
+   2   9
    6   4
```

3.
A fruit seller has 41 bananas and 25 apples. Find the total number of fruits.

Ans. Total fruits are 66.

```
    T   O
    ○
    4   1
+   2   5
    6   6
```

4.
In a shed there are 38 brown cows and 53 white cows. How many cows are there in the shed altogether?

Ans. There are 91 cows in the shed.

```
    T   O
    ①
    3   8
+   5   3
    9   1
```

5.
A man sold 15 red balloons and 32 green balloons. How many balloons did he sell in all?

Ans. The sold 47 balloons in all.

```
    T   O
    ①
    1   5
+   3   2
    4   7
```

6.
There are 34 students in class I and 3 more students join the class I. How many students are there altogether?

Ans. There are 37 students altogther.

```
    T   O
    ①
    3   4
+       3
    3   7
```

Subtraction of 2-digit numbers

Subtract the following. One is done for you.

Ans.

	T O		T O		T O		T O		T O
	3 7		7 8		2 7		7 4		3 3
−	2 2	−	6 1	−	1 4	−	3 3	−	1 1
	1 5		1 7		1 3		4 1		2 2

	T O		T O		T O		T O		T O
	2 7		7 8		2 9		7 7		9 6
−	1 2	−	4 3	−	1 4	−	3 2	−	2 4
	1 5		3 5		1 5		4 5		7 2

	T O		T O		T O		T O		T O
	2 7		4 8		1 8		5 7		7 5
−	2 4	−	1 0	−	1 5	−	1 5	−	3 2
	0 3		3 8		0 3		4 2		4 3

	T O		T O		T O		T O		T O
	9 0		7 8		3 5		6 5		5 2
−	7 0	−	2 5	−	2 3	−	4 4	−	3 2
	2 0		5 3		1 2		2 1		2 0

	T O		T O		T O		T O		T O
	8 6		4 6		3 8		4 4		3 2
−	4 3	−	1 2	−	3 0	−	1 3	−	2 1
	4 3		3 4		0 8		3 1		1 1

	T O		T O		T O		T O		T O
	9 5		4 7		8 3		6 9		5 8
−	3 4	−	1 2	−	1 3	−	3 4	−	1 3
	6 1		3 5		7 0		3 5		4 5

	T O		T O		T O		T O		T O
	5 5		8 7		5 5		6 3		3 5
−	4 0	−	4 3	−	3 3	−	2 1	−	1 1
	1 5		4 4		2 2		4 2		2 4

	T O		T O		T O		T O		T O
	4 3		2 6		8 4		3 6		6 4
−	2 0	−	1 1	−	7 2	−	2 3	−	2 2
	2 3		1 5		1 2		1 3		4 2

Subtraction with regrouping

Regroup the following numbers by borrowing one ten from tens. One is done for you.

Ans. 82 = ⑧ tens + ② ones = ⑦ tens + ⑫ ones

66 = ⑥ tens + ⑥ ones = ⑤ tens + ⑯ ones

52 = ⑤ tens + ② ones = ④ tens + ⑫ ones

43 = ④ tens + ③ ones = ③ tens + ⑬ ones

Subtract the numbers :

Ans.

T O	T O	T O	T O	T O
③ ⑬	⑤ ⑫	② ⑫	⑥ ⑭	⑧ ⑩
4 3	6 2	3 2	7 4	9 0
− 7	− 3 6	− 1 6	− 4 8	− 7 3
3 6	2 6	1 6	2 6	1 7

T O	T O	T O	T O	T O
⑧ ⑬	⑦ ⑮	② ⑱	⑧ ⑩	③ ⑭
9 3	8 5	3 8	9 0	4 4
− 5 4	− 4 6	− 1 9	− 4 5	− 2 5
3 9	3 9	1 9	4 5	1 9

T O	T O	T O	T O	T O
⑦ ⑪	⑧ ⑩	⑦ ⑮	④ ⑭	⑥ ⑭
8 1	9 0	8 5	5 4	7 4
− 5 3	− 2 6	− 3 6	− 2 5	− 5 8
2 8	6 4	4 9	2 9	1 6

T O	T O	T O	T O	T O
⑥ ⑫	④ ⑩	⑤ ⑫	⑧ ⑩	③ ⑰
7 2	5 0	6 2	9 0	4 7
− 2 4	− 3 8	− 1 9	− 5 9	− 2 9
4 8	1 2	4 3	3 1	1 8

T O	T O	T O	T O	T O
⑤ ⑫	④ ⑰	② ⑫	⑦ ⑯	③ ⑪
6 2	5 7	3 2	8 6	4 1
− 3 4	− 3 9	− 9	− 5 7	− 2 6
2 8	1 8	2 3	2 9	1 5

Word Problems

Solve the following story problems :

Ans.

1.

There were 55 passengers in a bus. 32 got down at bus stop. How many passengers are left in the bus?

Ans. 23 Passengers are left in the bus.

	T	O
	5	5
−	3	2
	2	3

2.

A balloon seller had 46 balloons. He sold 27 of them. How many balloons are left?

Ans. 19 balloons are left.

	T ③	O ⑯
	4	6
−	2	7
	1	9

3.

84 students went on a picnic. Of them, 33 were boys. How many girls went on the picnic?

Ans. 51 girls went on the picnic.

	T	O
	8	4
−	6	3
	5	1

4.

There are 57 books on the shelf. Rohit took 15 books to read. How many books are left on the shelf?

Ans. 42 books are left on the self.

	T	O
	5	7
−	1	5
	4	2

5.

In a match Rohit made 78 runs and Dhawan made 57 runs. How many runs did Rohit make more than Dhawan?

Ans. 21 runs Rohit made more than Dhawan.

	T	O
	7	8
−	5	7
	2	1

6.

A book contains 80 pages. Riddhi reads 57 pages. How many pages has she to read?
Ans. She has 23 pages to read.

$$\begin{array}{cc} \mathbf{T} & \mathbf{O} \\ \overset{7}{\cancel{8}} & \overset{10}{\cancel{4}} \\ - \quad 6 & 3 \\ \hline 5 & 1 \end{array}$$

Fun with Maths

This is the addition and subtraction maze. Help Marley, the lion reach its den by solving addition and subtraction problems on its way.
Ans.

START

$$\begin{array}{cc} & 9 \\ - & 8 \\ \hline & 1 \end{array}$$

$$\begin{array}{cc} 2 & 4 \\ + & 5 \\ \hline 2 & 9 \end{array}$$

$$\begin{array}{cc} 1 & 3 \\ + & 4 \\ \hline 1 & 7 \end{array}$$

$$\begin{array}{cc} 3 & 6 \\ + & 1 \\ \hline 3 & 7 \end{array}$$

$$\begin{array}{cc} 4 & 2 \\ - & 2 \\ \hline 4 & 0 \end{array}$$

$$\begin{array}{cc} 1 & 5 \\ - & 4 \\ \hline 1 & 1 \end{array}$$

$$\begin{array}{cc} 2 & 8 \\ - & 7 \\ \hline 2 & 1 \end{array}$$

$$\begin{array}{cc} 3 & 8 \\ - & 6 \\ \hline 3 & 2 \end{array}$$

$$\begin{array}{cc} 4 & 8 \\ - & 7 \\ \hline 4 & 1 \end{array}$$

$$\begin{array}{cc} 1 & 7 \\ - & 2 \\ \hline 1 & 5 \end{array}$$

END

9 Multiplication

Concept of Multiplication

Read the questions and answer.

Ans.

| 5 | + | 5 | + | 5 | = | 3 | × | 5 | = | 15 |

4 + 4 + 4 = 3 × 4 = 12

3 + 3 + 3 + 3 = 4 × 3 = 12

5 + 5 + 5 + 5 + 5 = 5 × 5 = 25

Multiplication Tables

Write the product :

Ans.

3 fours = 12	4 fours = 16	5 twos =
3 × 4 = 12	4 × 4 = 16	5 × 2 =

1 one = 1	3 threes = 9	2 fives =
1 × 1 = 1	3 × 3 = 9	2 × 5 =

Write the product of the following:

Ans.

2 × 5 = 10	6 × 2 = 12	4 × 4 = 16
9 × 3 = 27	7 × 4 = 28	10 × 5 = 50
8 × 2 = 16	5 × 5 = 25	3 × 7 = 21
7 × 5 = 35	6 × 3 = 18	4 × 4 = 16

Vertical Multiplication

Multiply :

Ans.

9 × 2 18	4 × 3 12	8 × 5 40	3 × 3 9	3 × 5 15	7 × 0 0
8 × 4 32	6 × 8 48	5 × 8 40	5 × 3 15	7 × 5 35	4 × 4 16

6 × 3	6 × 6	2 × 3	2 × 2	4 × 2	9 × 3
18	36	6	4	8	27
9 × 1	5 × 1	5 × 5	3 × 1	7 × 2	7 × 4
9	5	25	3	14	28

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. b. ×   2. b. 4 × 3 = 12   3. c. 14

10 Division

Understanding Division

Divide by repeated subtraction :

Ans.

20 ÷ 5
20 − 5 = 15 ①
15 − 5 = 10 ②
10 − 5 = 5 ③
5 − 5 = 0 ④
∴ 20 ÷ 5 = 4

4 ÷ 2
4 − 5 = 15 ①
2 − 2 = 10 ②
∴ 20 ÷ 5 = 4

6 ÷ 2
6 − 2 = 4 ①
4 − 2 = 2 ②
2 − 2 = 0 ③
∴ 6 ÷ 2 = 3

10 ÷ 5
10 − 5 = 5 ①
5 − 5 = 0 ②
∴ 10 ÷ 5 = 4

12 ÷ 3
12 − 3 = 9 ①
9 − 3 = 6 ②
6 − 3 = 3 ③
3 − 3 = 0 ④
∴ 12 ÷ 3 = 4

18 ÷ 6
18 − 6 = 12 ①
12 − 6 = 6 ②
6 − 6 = 0 ③
∴ 18 ÷ 6 = 3

Division as Making Equal Sets

Divide 12 oranges into 4 children.

Ans.

So, each child gets **3** oranges.
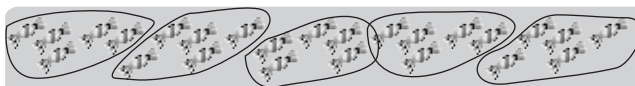
12 ÷ 4 = 3

Divide 18 pencils into 6 boxes.

18 ÷ 6
= 3

So, there are **3** pencils in each box.

Divide 25 toffees into 5 packets.

25 ÷ 5
=

So, there are **5** toffees in each packet.

Fun with Maths

Make group to divide and fill in the boxes :

Ans.
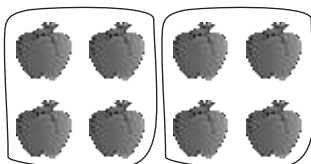
$8 \div 2 = 4$
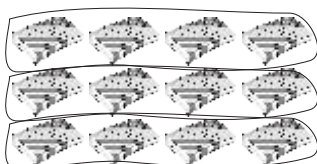
$12 \div 3 = 4$
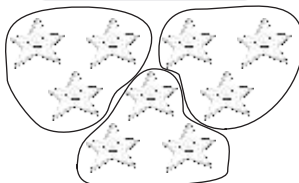
$9 \div 3 = 3$
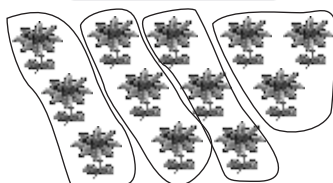
$12 \div 4 = 3$

Fun with Maths

Take 8 birds to 4 nests so that there are an equal number of birds on each nest.

Ans.
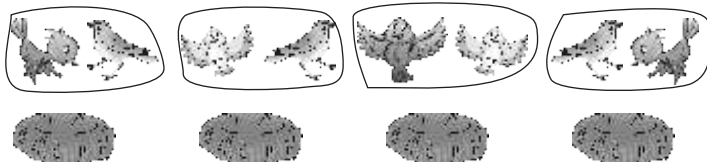
There are **2** birds on each nest.

11 Money

Count and write how much money.

Ans.

 + = ₹ 1

 + = ₹ 4

 + = ₹ 6

 + = ₹ 3

 + = ₹ 15

 + = ₹ 70
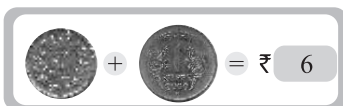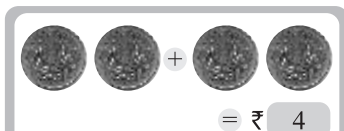
Match the coins/notes to the value :

Ans.

10 rupees

5 rupees

50 paise

20 rupees
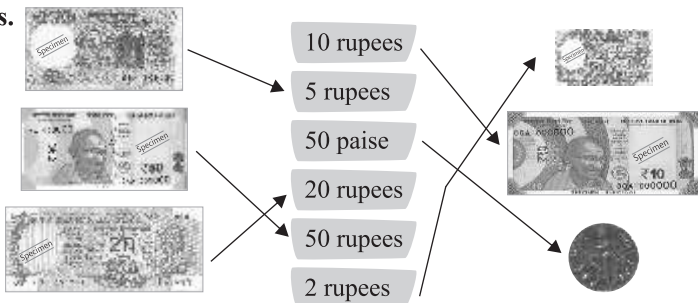
50 rupees

2 rupees

Write the amount of money with each child:

Ans.

rupees

rupees

rupees

Circle the maximum number of articles you can buy in 40 rupees.

Ans.

20 Rupees   10 Rupees   5 Rupees   ₹ 2   ₹ 1   ₹ 2

₹ 2   ₹ 3   ₹ 1   ₹ 40

₹ 80   ₹ 10   ₹ 5   ₹ 200

₹ 60   ₹ 60   ₹ 10   ₹ 100

Mental Maths

Circle the notes which will equal the price for each object.

Ans.

₹ 15   ₹ 5

₹ 25   ₹ 8

Fun with Maths

Join the money to the object you can buy :

Ans.

12 Time and Calendar

Counting Money

Look at the picture and number the story in sequence.

Ans.

| 4 | | 8 | | 6 |

2

5

1

3

7

Reading Time

Read and write the time :

Ans.

11 O'clock	8 O'clock	3 O'clock	9 O'clock

6 O'clock	1 O'clock	4 O'clock	2 O'clock

Draw the hour hand to show the time :

Ans.

3 : 00	2 : 00	11 : 00	8 : 00

9 : 00	11 : 00	12 : 00	10 : 00

Draw both the hands to show the given time.

Ans.

| 2:00 | 8:00 | 5:00 | 3:00 |

| 6:00 | 11:00 | 9:00 | 7:00 |

Days of the Week

Write 'T' for True and 'F' for False :

Ans. 1. F   2. F   3. T   4. T

Write the days of a week in reverse order starting from Sunday :

Ans. 1. Sunday   2. Saturday   3. Friday   4. Thursday
          5. Wednesday   6. Tuesday   7. Monday

Project

Do it yourself.

Months of the Year

Fill in the blanks :

Ans. 1.   Mach has 31 days.
          2. A year has 12 months.
          3. Leap year comes every **Fourth** year.
          4. June comes after **May**.
          5. **August** is the eighth month of the year.
          6. **January** ist he first month of the year.
          7. **December** is the last month of the year.
          8. A leap year has **366** days.
          9. July comes in between **June** and **August**.

Mental Maths

Find the name of the day which we celebrate on that following dates.

Ans. 2nd October   **Gandhi Jayanti**
          15 August   **Independence Day**
          26th January   **Republic day**

5th June   **Environment day**
25th December   **Christmas day**

Tick (✓) the correct choice :

Ans. 1. b. Tuesday   2. c. Friday   3. a. February
       4. b. July

Fun with Maths

Do it yourself.

13 Measurement

Measuring Length Using Objects

How long are these?

Ans.

The torch is about
5 sticks long.

This spoon is about **3** crayons
long.

The book is about
3 pencils long.

This toothbrush is about
6 sharpners long.

Finding Weight

Look at the balances and fill in the blanks.

Ans. Four books weight
       the same as **1** brick.

3 mangoes weigh the
same as **2** block.

The water bottle
weights the as **5** blocks.
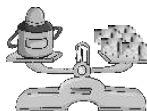
A TV weighs the same as **5** bricks.

A brinjal weighs the same as **3** carrots.

Tick (✓) the vessel which contains more water :
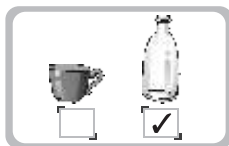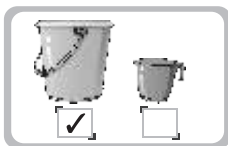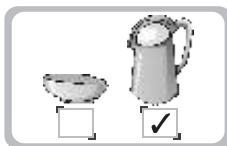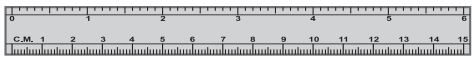
Fun with Maths

Measure UP!

How long is each objects? Use the ⬭ to measure each objects.

Ans. 1.   3 units
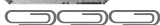
2.   9 units

3.   2 units

4.   2 units

5.   3 units

6.   4 units

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. b. bus   2. c. tomato   3. b. palm

14 Shapes and Patterns

Plane Shapes

Name the shapes of the following things :

Ans.

Rectangle　　　**Circle**　　　**Square**
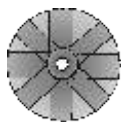
Circle　　　**Square**　　　**Rectangle**

Match the following objects with their corresponding shapes :

Ans.
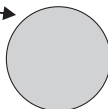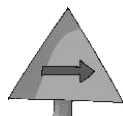
Mental Maths

Fill in the blanks :

Ans.　1.　Each of my faces is a square.
　　　　　I am a **cube**.
　　　　2.　Each of my faces is a rectangle.
　　　　　I am a **cuboid**.
　　　　3.　Children love to eat ice cream in me.
　　　　　I am a **cone**.
　　　　4.　I am like a ball.
　　　　　I am a **Shpere**.
　　　　5.　A dice is a **Cube**.

Solid shapes

Match the shapes with the objects :
Ans.
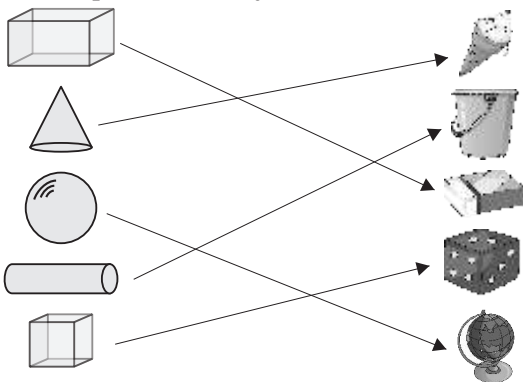
Project

Draw the three things of given shapes form your surroundings.
Ans.

Cube	
Cone	
Cylinder	
Sphere	
Cuboid	

Rolling and Sliding

The child is sliding on the slide. Does his whole body touch the slide?

Tick (✔) the correct answer.

Yes ☐   No ✔

This man is pushing the roller. The roller is rolling on the ground. Does the whole surface of the roller touch the ground during its movement?
Tick (✔) the correct answer.

Yes ☐   No ✔

Tick (✓) the objects which can roll and cross (✗) the ones which can slide :

Ans.

| ✓ | ✗ | ✓ | ✗ |

| ✗ | ✓ | ✗ | ✗ |
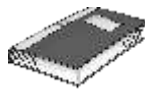
Patterns

Observe and complete the following patterns of shapes :

Ans.

II I II

II I II

II I II

I II I
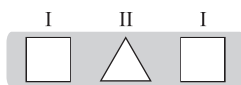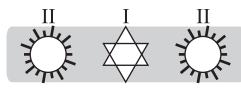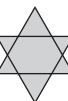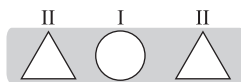
Circle the object that comes next :

Ans.

Numbers Patterns

Ob serve and complete the pattern of numbers :

Ans.

| 2 | 4 | 6 | 8 | 10 | 12 |

| 7 | 10 | 13 | 16 | 19 | 22 |

| 5 | 9 | 13 | 17 | 21 | 25 |

| 20 | 18 | 16 | 14 | 12 | 10 |

Mental Maths

Colour the rectangle red, the square blue, the triangle green, the circle pink and the ovals in the given figure.

Ans.

yellow yellow

pink Pink

pink Pink

Green Red

Green

Pink Pink

Pink Blue Pink
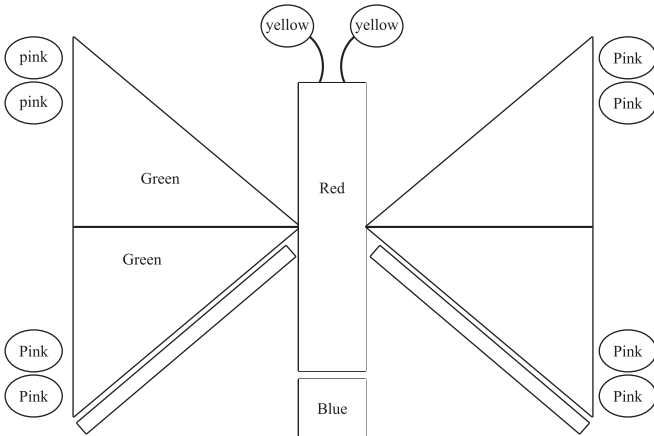
Fun with Maths

Do it yourself.

Multiple Choice Questions

Tick (✔) the correct choice :

Ans.   1.   b. Green   2. c. cylinder   3. c. square

15 Data Handling

Look at the picture given below carefully.

🍦 6	✏️ 7	🏀 3
🌹 2	🐰 1	🚗 5

Ans. Pencils   Flowers

Study the picture and answer the questions given below :

Count and write:

Ans. How many 🦁 ? 6   How many 🦁 ? 8

How many 🐕 ? 10   How many 🐁 ? 13

Mental Maths

Tick (✓) the objects and animals that are taller than you :

Ans.

🐕   🪜 ✓   🐱 ✓   🌳   🐎 ✓   🦒 ✓

How many objects and animals are smaller than you? **2**

Look at the picture of a parking shown below.

Now fill in the table by using 🚐 **for 1 vehicle:**

Ans.

🚐	🚐 🚐 🚐 🚐
🚗	🚗 🚗 🚗 🚗 🚗 🚗 🚗

Now answer the following questions:

a.   **6 cars are more than bus.**

b.   **17 vehicles**

Fun with Maths

Joy, Mary, Mummy and Papa visited the Qutub Minar. Joy clicks a picture. Help him to count the objects in the picture.

Ans.

Look at the picture and answer the questions below:

1.   2 People   2.   1 child
3.   1 Child   4.   3 Women
5.   13 People

1 2-Digit Numbers

Look Back

1. **Join the dots in an increasing order to their numbers. Who is it? Colour the picture.**

Ans. Do it yourself.

Exercise 1.1

1. **Join the dots in an increasing or**
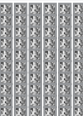
a.

2 tens + 3 ones = | T | O |
|---|---|
| 2 | 3 |

twenty-three

b.

5 tens + 2 ones = | T | O |
|---|---|
| 5 | 2 |

fifty-two

c.

6 tens + 7 ones = | T | O |
|---|---|
| 6 | 7 |

sixty-seven

d.

3 tens + 3 ones = | T | O |
|---|---|
| 3 | 3 |

thirty-three

2. **Fill in the table :**

S.No.	Number name	Number
a.	sixty-five	65
b.	seventy-eight	78
c.	forty-eight	48

d.	ninety-six	96
e.	twenty-five	25
f.	fifty-nine	59

3.   Write the number that comes before.

Ans.

a. 68 69   b. 16 17   c. 89 90

d. 9 10   e. 33 34   f. 49 50

4.   Write the number that comes after.

a. 31 32   b. 19 20   c. 71 72

d. 75 76   e. 69 70   f. 98 99

5.   Write the number that comes in between.

a. 81 82 83   b. 79 80 81   c. 12 13 14

d. 25 26 27   e. 64 65 66   f. 96 37 98

Mental Maths

Fill in the missing letters in these number names.

Ans.   eigh**t**een   fifty-**ni**ne   seve**n**ty-fiv**e**
        si**x**ty-fou**r**   thirty-**tw**o   nin**e**ty-si**x**
        forty-seven   **tw**e**n**ty-thr**ee**

Place Value
Mental Maths

Write the place value of.

Ans.   4 in 94   **4**   8 in 18   **8**
        1 in 19   **8**   6 in 65   **8**
        3 in 43   **10**   0 in 10   **60**

Exercise 1.2

Write the place value of each digit. One has been done for you.

Ans.   a. 2 7   b. 4 4   c. 7 2

a. → 7
   → 20

b. → 4
   → 40

c. → 2
   → 75

d. **9 7** → 7 → 20

e. **3 0** → 0 → 30

f. **0 8** → 8 → 0

2. **Write the number.**

Ans.
a. **2 5** → 5 → 20

b. **8 6** → 6 → 80

c. **5 2** → 2 → 50

d. **3 0** → 0 → 30

e. **4 6** → 6 → 40

f. **2 0** → 0 → 20

g. **5 3** → 3 → 50

h. **7 0** → 0 → 70

i. **8 8** → 8 → 80
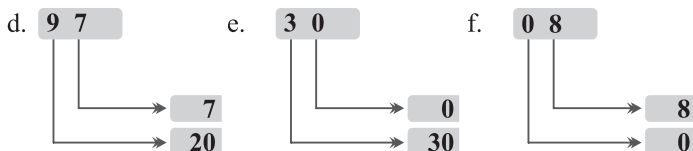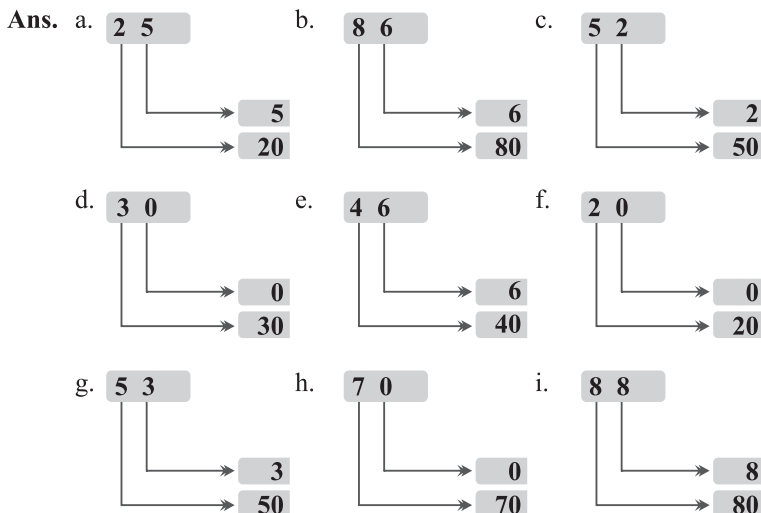
3. **Write the numbers shown by the beads on the abacus.**

Ans.
a. 50 + 7 = 57   b. 70 + 2 = 72
c. 20 + 5 = 25   d. 40 + 4 = 44
e. 70 + 7 = 77   f. 80 + 8 = 88

Exercise 1.3

1. **Write the numbers shown by the beads on the abacus :**

Ans.

a.

T	O
7	5

b.

T	O
9	4

c.

T	O
7	0

d.
e.
f.

T	O
1	1

T	O
9	4

T	O
7	0
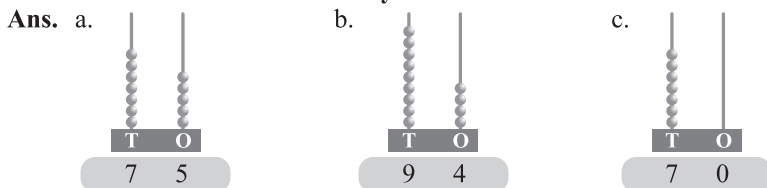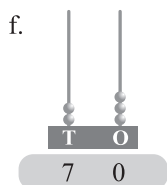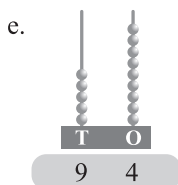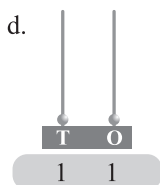
2. **Draw the correct number of beads on the abacus :**

a. 49   e. 65   f. 90

T O   T O   T O
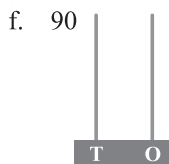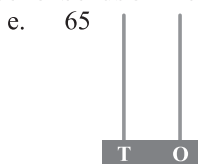
Life Skills

In the Ghosh family grandfather was 87 years old; grandmother was 80 years old; Vikram was 8 years old; father was 45 years old; mother was 38 years old; Sunil was 14 years old; and the twins, Anvi and Kavya were 10 years old.

1. Whose ages were equal? **Anvi** and **Kavya**.

2. Whose age was less then the twins? **Vikram's age**

3. Whose age was greater than grandmother's? **grand father's age**

4. Was father's age greater or less then the age of mother's ? **father's age is greater than mother's age**.

Exercise 1.4

1. **Compare and put < , > or = in the box :**

a. 39 ☐ 51   b. 46 ☐ 65   c. 34 ☐ 91

2. **Colour green the teddy hour with the greater number.**

a. 90 ☐ 92   b. 49 ☐ 45   c. 18 ☐ 12
   green   green   green

3. **Tick (✓) the smallest number and cross (✗) the greatest number.**

a. 34 (✗) 10 (✓) 15 (○)   b. 69 (✗) 17 (✓) 24 (○)

c. 20 ✓ 27 ◯ 40 ✗   d. 11 ◯ 12 ✗ 10 ✓

e. 56 ✗ 15 ◯ 14 ✓   f. 32 ✗ 23 ✓ 32 ◯

4. **Oops! Nishant has mixed up the number cards. Can you help him to write them in order from the smallest to the greatest?**

| 10 | 11 | 12 | 15 | 61 | 72 | 89 | 95 |

5. **Write the numbers in increasing order.**

a. 72, 76, 71, 80   71 72 73 74   b. 18, 96, 69, 98   18 69 96 98

c. 41, 28, 31, 10   10 28 31 41   d. 65, 45, 75, 74   45 65 74 75

e. 19, 10, 50, 97   10 19 50 97   f. 76, 86, 68, 10   10 19 50 97

6. **Write the numbers in decreasing order.**

a. 44, 18, 74, 80   80 74 44 18   b. 20, 34, 31, 38   38 34 31 20

c. 64, 35, 20, 54   64 54 35 20   d. 88, 79, 97, 17   97 88 79 17

e. 79, 69, 50, 85   ▢▢▢▢▢   f. 20, 99, 19, 87   99 87 20 19

Exercise 1.5

A. **Write even or odd by pairing.**

a.   6 apples

b.   5 books

c.   10 watches

d.   8 birds

e.   7 ice-creams

B. **Write even or odd.**

a. 10 Even b. 83 Odd c. 34 Even

d. 60 Even e. 12 Even f. 35 Odd

g. 29 Odd h. 70 Even i. 61 Odd

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. c. 42   2. a. 47   3. a. 3

4. c. ninety-six

Hots

Ans. Do it yourself.

2 Ordinal Numbers

Exercise 2.1

1. **Write the position of each animal in the race held at Jungle.**

Rabbit   **Second**   Elephant   **Third**

Turtle   **Fourth**   Tiger   **First**

2. **Colour the object for the given ordinal number.**

Third from the left :

Sixth from the right :   e g

Ninth from the left :

3. **Join the ninth** 🌸 **to the third** 🍃
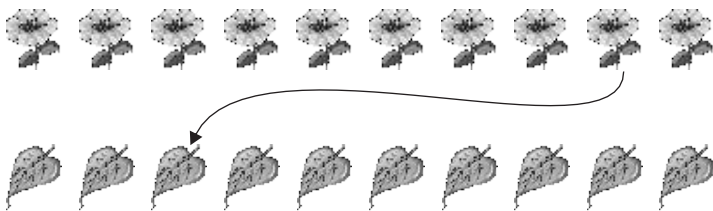
1.   **Arrange the numbers in ascending order.**

    a. 18,   46,   75,   28,   82 | 18 | 28 | 46 | 76 | 82 |

    b. 78,   99,   08,   14,   02 | 02 | 08 | 14 | 78 | 98 |

    c. 13,   29,   49,   60,   51 | 13 | 29 | 49 | 51 | 60 |

2.   **Arrange the numbers in descending order.**

    a. 13,   16,   14,   18,   11 | 18 | 16 | 14 | 13 | 11 |

    b. 12,   10,   75,   13,   14 | 75 | 14 | 13 | 12 | 10 |

    c. 89,   48,   21,   82,   39 | 89 | 82 | 48 | 39 | 21 |

Fun with Maths

1.   **Write the position of each child in the spoon race held at school.**

Manav	**Third**	Kajal	**Second**
Parth	**Fourth**	Devesh	**first**
Ranu	**Fifth**		

Multiple Choice Questions

Tick (✔) the correct choice :

Ans.   1. a. G   2. c. U   3. a. 18

Hots

A.   **Start from the left.**

Ans.

Pink   Blue   Pink Pink   Blue
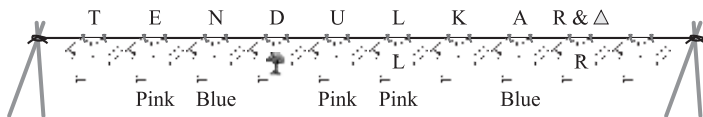
Draw a 🌳 on the fourth shirt.   Colour the third and the eighth shirt blue.

Draw a ☺ on the seventh shirt.   Draw a △ on the ninth shirt.
Colour the second and the sixth shirt pink.   Write the first letter of your name on the tenth shirt.

B.   **Write**

L on the sixth blank and R on the ninth.   K on the seventh and E on the second.

A on the eighth and N on the third.   D on the fourth and U on the fifth. T on the first.

3 3-Digit Numbers

Look Back

1. **Write the missing numbers on the grid.**

1			4				8		
				15					20
		22				27			
31			34						40
	42				46			49	
			54				58		
				65					70
		73					78		
			84						90
		93							100

1. **Complete the pattern.**

10 20 30 40 50 60 70 80 90 100
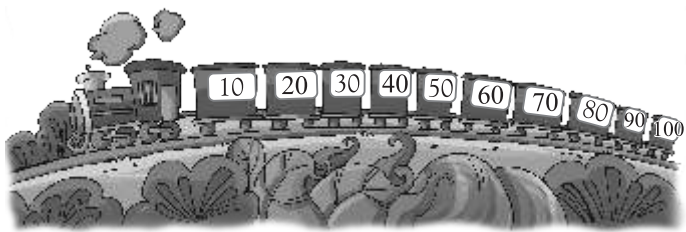
3. **Now, write the number names.**

333	Three hundred thirty-three	357	Three hundred fifty-seven	369	Three hundred sixty nine
398	Three hundred ninety-eight	375	Three hundred seventy-five	345	Three hundred forty-five

Reading 3-digit Numbers

Fill in the blanks boxes.

Ans. 1. 268 = 2 hundreds + 6 tens + 8 ones — Two hundred sixty-eight

2. 978 = 9 hundreds + 7 tens + 8 ones — Nine hundred seventy-eight

3. 475 = 4 hundreds + 7 tens + 5 ones — Four hundred seventy-five

4. 623 = 6 hundreds + 2 tens + 3 ones — Six hundred twenty-three

5. 852 = 8 hundreds + 5 tens + 2 ones — Eight hundred fifty-two

6. 509 = 5 hundreds + 0 tens + 9 ones — Five hundred -nine

Exercise 3.1

1. **Match the following.**

Ans.

440

728

576

255

311

856

2. **Write the number name.**

a. 565   **Five hundred sixty five**
b. 761   **Seven hundred sixty one**
c. 345   **Three hundred fourty five**
d. 609   **Six hundred nine**
e. 499   **Four hundred ninety nine**
f. 912   **Nine hundred twelve**

3. **Numbers from 901 to 1000**

901	902	903	904	905	906	907	908	909	910
911	912	913	914	915	916	917	918	919	920
921	922	923	924	925	926	927	928	929	930
931	932	933	934	935	936	937	938	939	940
941	942	943	944	945	946	947	948	949	950
951	952	953	954	955	956	957	958	959	960
960	962	963	964	965	966	967	968	969	970
971	972	973	975	975	976	977	978	979	980
981	982	983	984	985	986	987	988	989	990
991	992	993	994	995	996	997	998	999	1000

Expanded Form
Mental Maths

1. **10 more than**
853 is **863**
740 is **750**

2. **10 less than**
920 is **910**
672 is **662**

3. **100 more than**
609 is **709**
252 is **352**

4. **100 less than**
206 is **106**
158 is **58**

Exercise 3.2

1. **Write the place value of each digit in the circle.**

Ans. a. 8 5 1

| 1 |
| 50 |
| 800 |

b. 7 0 6

| 6 |
| 0 |
| 700 |

c. 8 7 5

| 3 |
| 80 |
| 500 |

d. 9 6 1   e. 2 5 0   f. 5 8 3

1	0	3
60	50	80
900	200	500
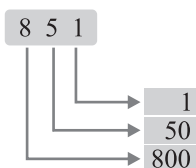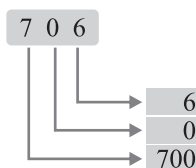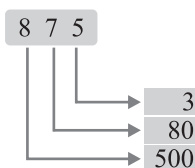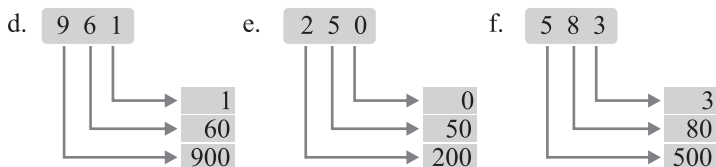
2. Write in expanded form.

a. 792 = 700 + 90 + 2   b. 247 = 200 + 40 + 7

c. 618 = 600 + 10 + 8   d. 864 = 800 + 60 + 4

e. 803 = 800 + 0 + 3   f. 995 = 900 + 90 + 5

3. Write the short form.

a. 300 + 80 + 9 = 389   b. 900 + 10 + 9 = 919

c. 100 + 20 + 0 = 120   d. 600 + 50 + 4 = 654

e. 800 + 70 + 3 = 873   f. 400 + 90 + 0 = 490

4. Write the place value and face value of the underline digits.

	Place value	Face value
a. 4̲37	400	4
b. 43̲7	5	5
c. 5̲51	500	5
d. 9̲30	900	9
e. 70̲5	0	0
f. 81̲3	10	1

Exercise 3.3

1. Look at the abacus and write the number.

Ans. a.   b.   c.

H	T	O
5	3	8

H	T	O
9	4	5

H	T	O
2	7	3

e.

H	T	O
5	3	8

f.

H	T	O
9	4	5

g.

H	T	O
2	7	3
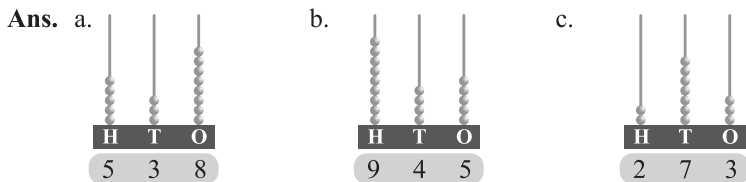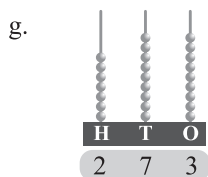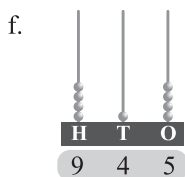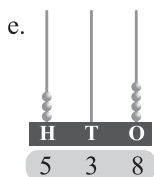
2. **Draw beads on the abacus to represent the numbers.**

h.

H	T	O

375

i.

H	T	O

584

j.

H	T	O

428

i.

H	T	O

945

i.

H	T	O

407

j.

H	T	O

519
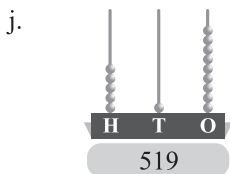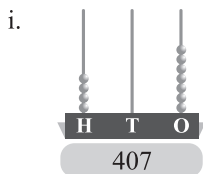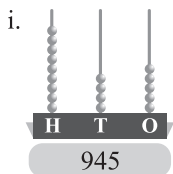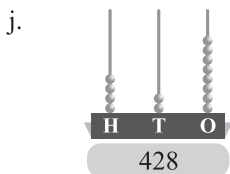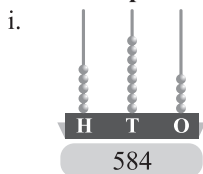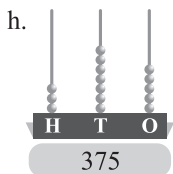
Order of Numbers

Ascending order
Arrange 642, 666, 231, 981, 578 in ascending order.

231	231	231	231	231

Descending order
Arrange 773, 150, 50, 684, 298 in descending order.

773	684	298	150	50

Exercise 3.4

1. **Put the correct sign >, < or =.**

1. 632 > 328   2. 457 < 477   3. 622 < 632

4. 708 = 708   5. 899 < 989   6. 241 > 226

2. **Colour the circle with greatest number red and with smallest number green.**

a. (635)   (543)   (298)   (736)   (563)
                        green   red

b.
758	752	756	721	750
Red			green	

c.
206	234	219	201	291
			green	red

d.
998	996	990	991	909
Red				green

e.
420	451	475	374	390
		Red	green	

f.
325	256	410	561	640
	green			Red

3. **Arrange in ascending order.**

a. 568, 560, 462, 465   462, 465, 560, 568.

b. 295, 298, 442, 448   295, 298, 442, 448.

c. 810, 832, 715, 428   428, 715, 810, 832.

d. 502, 491, 406, 494   406, 491, 494, 502.

e. 616, 821, 517, 599   517, 599, 616, 821.

4. **Arrange in descending order.**

a. 391, 398, 390, 396   398, 396, 391, 390.

b. 395, 417, 741, 391   391, 395, 417, 741.

c. 987, 897, 978, 798   798, 897, 978, 987.

d. 725, 609, 204, 722   204, 604, 722, 725.

e. 263, 236, 623, 362   236, 263, 362, 623.

Life Skills

175 people visited book fair on the Monday. 200 people visited it on the Tuesday and 190 people visited it on the Wednesday. On which day out of the three days were there more people?

Monday   175   Tuesday   200   Wednesday   190

200 > 190 > 175

There were more people on the **Tuesday**.

Fun with Maths

Match the numbers and their names by colouring them alike.

Ans.

546	Seven hundred eight	211	Six hundred ninety-five
Red	**Yellow**	**green**	**blue**
Two hundred eleven	708	Eight hundred five	310
Blue	**Yellow**	**Orange**	**Pink**
695	Three hundred ten	333	Five hundred fifteen
Blue	**Pink**	**Sky Blue**	**White**
Three hundred thirty-three	129	Five hundred forty-six	403
Sky blue	**grey**	**Red**	**White**
515	Four hundred three	805	One hundred twenty-nine
white	**Purple**	**Orange**	**Gray**

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. a. 437   2. c. 419   3. a. 80   4. b. 293

5. a. 175   6. b. 720   7. a. 555

4 Addition

Look Back

1.   **The Aman has just have five kites.**

1. Add on the number line.

Ans. a.

4 + 8 = 12

b.

7 + 9 = 16

c.

10 + 9 = 19

<div align="center">
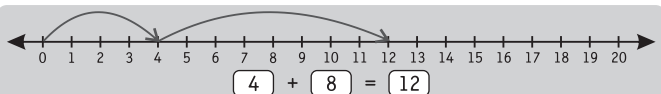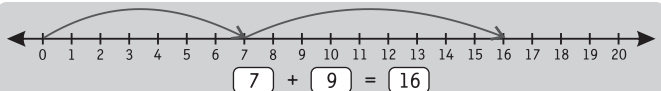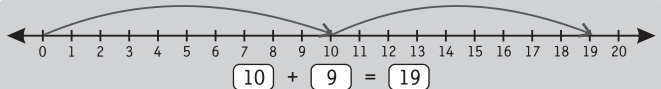
Exercise 4.1

</div>

1. Add :

a.

T	O
6	6
+ 2	1
8	7

b.

T	O
5	7
+ 2	1
7	8

c.

T	O
1	9
+ 2	0
3	9

d.

T	O
4	6
+ 3	3
7	9

e.

T	O
8	1
+ 1	8
9	9

f.

T	O
3	1
+ 5	5
8	6

g.

T	O
5	5
+ 3	2
8	7

h.

T	O
6	2
+ 3	2
9	4

<div align="center">

Properties of Addition

Exercise 4.2

</div>

1. Complete the following on the basis of addition facts.

a. 56 + 0 = 56   b. 84 + 1 = 85   c. 99 + 0 = 99

d. 39 + 1 = 40   e. 23 + 1 = 24   f. 45 + 0 = 45

2. Add the following.

a. 19 + 9 = 9 + 19   b. 84 + 1 = 14

d. 23 + 2 = 5 + 23

<div align="center">

Mental Maths

</div>

1. What number should be put in the empty box at the centre so that the total is the same in all directions?

7	2	3
0	4	8
5	6	1

e basis

Exercise 4.3

A. Find the sum.

1.
H	T	O
9	1	0
+	8	5
9	9	5

2.
H	T	O
8	1	1
+1	2	1
9	3	2

3.
H	T	O
2	7	0
+4	2	6
6	9	6

4.
H	T	O
3	4	6
+4	1	3
7	5	9

5.
H	T	O
1	1	1
+3	4	5
4	5	6

6.
H	T	O
	3	0
+6	5	8
6	8	8

7.
H	T	O
1	2	4
+7	7	0
8	9	4

8.
H	T	O
4	4	1
+2	1	8
6	5	9

9.
H	T	O
2	3	6
+3	1	1
5	7	4

10.
H	T	O
1	0	5
+5	0	1
6	0	6

11.
H	T	O
1	8	0
+3	1	9
4	9	9

12.
H	T	O
3	3	0
+4	5	6
7	8	6

13.
H	T	O
2	2	2
+1	3	5
3	5	7

14.
H	T	O
3	9	0
+4	0	6
7	9	6

15.
H	T	O
5	1	3
+3	1	5
8	2	8

16.
H	T	O
3	3	0
+4	5	6
7	8	6

17.
H	T	O
6	5	4
+2	3	1
8	8	5

18.
H	T	O
5	4	4
+1	1	0
6	5	4

19.
H	T	O
1	5	5
+2	3	4
3	8	9

20.
H	T	O
6	6	8
+2	1	1
8	7	9

Exercise 4.4

1. Regroup the following :

a. 7 tens 16 ones = 8 tens 6 ones

b. 8 tens 12 ones = 9 tens 2 ones

c. 5 tens 15 ones = 6 tens 5 ones

d. 4 tens 18 ones = 5 tens 8 ones

e. 2 tens 25 ones = 4 tens 5 ones

f. 6 tens 13 ones = 7 tens 3 ones

g. 1 ten 19 ones = 2 tens 9 ones

h. 3 tens 17 ones = 4 tens 7 ones

2. **Find the sum :**

Ans.

a.
T	O
①	
4	3
+ 1	8
6	1

b.
T	O
①	
6	7
+ 2	9
9	6

c.
T	O
①	
4	5
+ 1	6
6	1

d.
T	O
①	
3	5
+ 1	8
5	3

e.
T	O
①	
3	5
+ 4	6
8	1

f.
T	O
①	
1	6
+ 2	8
4	4

g.
T	O
①	
5	8
+ 2	9
8	7

h.
T	O
①	
2	4
+ 3	8
6	2

i.
T	O
①	
4	4
+	1
6	2

j.
T	O
①	
3	1
+ 3	9
7	0

k.
T	O
①	
5	6
+ 3	4
9	0

l.
T	O
①	
4	5
+ 3	6
8	1

m.
T	O
①	
6	1
+ 2	9
9	0

n.
T	O
①	
1	8
+ 2	7
4	5

o.
T	O
①	
5	7
+ 3	5
9	2

p.
T	O
①	
3	2
+ 1	8
5	0

q.
T	O
①	
3	8
+ 2	2
6	0

r.
T	O
①	
5	5
+ 1	5
7	0

s.
T	O
①	
4	2
+ 1	9
6	1

t.
T	O
①	
2	6
+ 3	5
6	1

Exercise 4.5

Add the following :

a.
T	O
①	
2	6
2	5
+ 2	7
7	8

b.
T	O
①	
3	3
4	9
+	9
9	1

c.
T	O
①	
3	9
2	4
+ 2	5
8	8

d.
T	O
①	
4	3
3	5
+ 1	6
9	4

e.
T	O
①	
6	8
1	3
+	8
8	9

f.
T	O
①	
4	5
1	6
+ 1	9
8	0

g.
T	O
①	
1	8
2	4
+ 2	9
7	1

h.
T	O
①	
2	5
2	5
+ 2	5
7	5

Mathematics-2 | 77

i.
T	O
	①
3	2
1	7
+ 2	7
7	6

j.
T	O
	①
1	3
2	7
+ 1	0
9	1

k.
T	O
	①
2	2
2	2
+ 2	2
8	8

l.
T	O
	①
1	3
3	5
+ 1	6
9	4

Exercise 4.6

1. Find the sum.

Ans.

a.
H	T	O
	①	①
1	5	5
+ 1	7	7
3	3	2

b.
H	T	O
	①	①
1	7	8
+ 6	2	4
8	0	2

c.
H	T	O
	○	①
2	1	7
+ 4	6	9
6	8	6

d.
H	T	O
	○	①
4	4	4
+ 2	2	9
6	7	3

e.
H	T	O
	○	①
2	2	3
+ 0	3	7
2	6	0

f.
H	T	O
	○	①
4	2	9
+ 1	4	3
5	7	2

g.
H	T	O
	①	①
2	7	8
+ 1	2	9
4	0	7

h.
H	T	O
	①	①
1	5	6
+ 3	6	7
5	2	3

i.
H	T	O
	○	①
4	0	2
+ 1	6	9
5	7	1

j.
H	T	O
	○	①
1	4	9
+ 3	1	6
4	6	5

k.
H	T	O
	①	①
5	1	8
2	3	2
+ 1	7	6
9	2	6

l.
H	T	O
	○	①
2	3	5
4	2	6
+ 1	2	8
7	8	9

m.
H	T	O
	①	①
1	7	3
2	6	2
+	2	8
4	6	3

n.
H	T	O
	①	①
2	3	8
	8	4
+ 1	2	5
4	4	7

o.
H	T	O
	①	①
3	3	7
2	6	2
+ 2	7	6
8	7	5

p.
H	T	O
	①	①
2	6	6
4	2	8
+ 2	6	2
9	5	6

q.
H	T	O
	①	①
8	3	9
	7	0
+	6	5
9	7	4

r.
H	T	O
	①	①
3	2	5
3	8	2
+	4	8
7	5	5

s.
H	T	O
	①	①
2	2	8
3	7	2
+ 1	6	3
7	6	3

t.
H	T	O
	①	①
1	3	4
4	8	3
+ 2	6	8
8	8	5

2. **Add and match :**

268 + 609   469 + 235   275 + 128   571 + 279

403   850   877   704

Exercise 4.7

Solve the following :

1. Naman collected 38 marbles and her friend collected 29 marbles. How many marbles do they have together?

   Ans. They have 67 marbles.

H	T	O
	①	
	3	3
+	2	2
	6	6

2. In a class, there are 18 girls and 40 boys. How many students are there in all?

   Ans : There are 58 student in the class.

H	T	O
	①	
	1	8
+	4	0
	5	8

3. 256 people visited the bank in the morning and 187 people went there in the afternoon. How many people went to the bank in all?

   Ans. There are 58 student in the class.

H	T	O
①	①	
2	5	6
+ 1	8	7
4	4	3

4. On Monday Preeti read 123 pages. On Tuesday she read 148 pages more. How many pages did she read on Tuesday?

H	T	O
	①	
1	2	3
+ 1	4	8
2	7	1

Ans. Preeti read 271 Pages on Tuesday.

5. On Monday Preeti read 123 pages. On Tuesday she read 148 pages more. How many pages did she read on Tuesday?
Ans. Preeti read 271 Pages on Tuesday.

H	T	O
	1	5
	3	0
+	2	2
	6	7

6. Hari, the farmer has 157 cows, 243 sheep and 364 hens in his farm. Find the total number of animals in his farm.
Ans. Hare has 764 animals in his farm.

H	T	O
	①	①
	1	5	7
	2	4	3
+ 3	6	4
	7	6	4

Multiple Choice Questions
Tick (✓) the correct choice :
Ans. 1. b. 7   2. a. 63   3. a. 47

Fun with Maths
Find the sum.
Ans. 1.   121 + 210 = **331**   **2.**   362 + 103 = **465**
      3.   245 + 526 = **771**   **4.**   330 + 94 = **424**

5 Subtraction

Look Back
The name of five legends of India are given below. Find the number of letters in each name. Ring the vowels and count them. Subtract to find how many consonants.

Name of the Legends	Total number of letters	Number of vowels	Number of Consonant
1. Jawahar Lal Nehru	15	6	9
2. Sardar Vallabh Bhai Patel	22	8	14
3. Mohandas Karamchand Gandhi	24	8	16
4. Subhas Chandra Boss	17	5	12
5. Lal Bahadur Shastri	7	6	11

A. **Find the difference.**

1.
T	O
7	7
− 5	2
2	5

2.
T	O
8	6
− 1	6
7	0

3.
T	O
9	0
− 4	0
5	0

4.
T	O
7	8
− 6	6
1	2

5.
T	O
3	9
− 1	6
2	3

6.
T	O
9	6
− 8	0
1	6

7.
T	O
7	6
− 5	1
2	5

8.
T	O
9	6
− 7	3
2	3

9.
T	O
4	5
− 2	4
2	1

10.
T	O
5	8
− 3	5
2	3

11.
T	O
8	8
− 4	0
4	8

12.
T	O
7	8
− 6	2
1	6

13.
T	O
4	9
− 3	1
1	8

14.
T	O
6	9
− 3	5
3	4

15.
T	O
5	3
− 5	0
0	3

A. **Fill in the blanks on the basis of subtraction facts.**

1. 43 – 0 = **43**
2. 18 – 1 = **17**
3. 77 – 77 = **0**
4. 54 – 0 = **54**
5. 33 – 1 = **32**
6. 62 – 0 = **62**
7. 98 – 1 = **97**
8. 56 – 56 = **0**
9. 34 – 0 = **34**
10. 18 – 18 = **0**
11. 50 – 50 = **0**
12. 33 – 1 = **32**
13. 89 – 0 = **89**
14. 67 – 1 = **66**
15. 54 – 54 = **0**

1. **Find the difference.**

Ans.

1.
H	T	O
4	3	5
− 2	2	4
2	1	1

2.
H	T	O
3	8	9
− 1	2	6
2	6	3

3.
H	T	O
7	5	6
− 4	0	3
3	5	3

4.
H	T	O
7	2	9
− 3	1	5
4	1	4

5.
H	T	O
6	2	8
− 3	1	6
3	1	2

6.
H	T	O
5	6	7
− 3	2	1
2	4	6

7.
H	T	O
6	5	4
− 3	4	5
2	2	0

8.
H	T	O
6	1	7
− 3	1	5
3	0	2

9.

H	T	O
6	2	1
−3	2	1
3	0	0

10.

H	T	O
5	4	5
−2	2	3
3	2	2

11.

H	T	O
9	4	5
−4	3	3
5	1	2

12.

H	T	O
5	6	5
−3	4	5
2	2	0

13.

H	T	O
6	3	8
−2	3	4
4	0	4

14.

H	T	O
8	8	8
−3	4	5
5	4	3

15.

H	T	O
7	7	7
−3	4	5
4	3	2

16.

H	T	O
6	6	6
−2	3	4
4	3	2

17.

H	T	O
5	6	5
−3	4	5
2	2	0

18.

H	T	O
9	8	8
−3	3	4
6	5	4

19.

H	T	O
7	8	8
−4	3	3
3	5	5

20.

H	T	O
4	6	6
−2	3	5
2	3	1

21.

H	T	O
5	3	6
−1	3	2
4	0	4

22.

H	T	O
8	8	8
−3	4	7
5	4	1

23.

H	T	O
5	5	7
−4	3	4
1	2	3

24.

H	T	O
9	4	1
−7	3	0
2	1	1

B. Subtract using expanded form.

1. $428 = 400 + 20 + 8$
    $-215 = -200 + 10 + 5$
    $= 200 + 10 + 3$
    Answer : 213

2. $389 = 389 + 80 + 9$
    $-266 = -200 + 60 + 6$
    $= 100 + 20 + 3$
    Answer : 123

3. $729 = 700 + 20 + 9$
    $-303 = -300 + 0 + 3$
    $= 400 + 20 + 6$
    Answer : 426

4. $437 = 400 + 30 + 7$
    $-107 = -100 + 0 + 7$
    $= 300 + 30 + 0$
    Answer : 330

5. $999 = 900 + 90 + 9$
    $-777 = -700 + 70 + 7$
    $= 200 + 20 + 2$
    Answer : 222

6. $888 = 800 + 80 + 8$
    $-575 = -500 + 70 + 5$
    $= 300 + 10 + 3$
    Answer : 313

Exercise 5.4

A. **Regroup the following. First one has been done for you.**

a.
T	O
3	3
→
T	O
2	13

b.
T	O
4	2
→
T	O
3	12

c.
T	O
7	4
→
T	O
6	14

d.
T	O
9	7
→
T	O
8	17

e.
T	O
4	6
→
T	O
3	16

f.
T	O
1	2
→
T	O
0	12

2. **Find the difference :**

a.
T	O
(8)	(16)
9	6
− 3	7
5	9

b.
T	O
(2)	(13)
3	3
− 2	9
0	4

c.
T	O
(4)	(11)
5	1
− 4	4
0	7

d.
T	O
(8)	(13)
9	2
− 6	5
2	7

e.
T	O
(7)	(18)
8	8
− 2	9
5	9

f.
T	O
(3)	(14)
4	4
− 2	9
1	5

g.
T	O
(6)	(14)
7	4
− 2	8
4	6

h.
T	O
(5)	(12)
6	2
− 1	8
4	4

i.
T	O
(8)	(11)
9	1
− 4	8
4	3

j.
T	O
(6)	(17)
7	7
− 5	8
1	9

k.
T	O
(3)	(18)
4	8
− 2	8
1	9

l.
T	O
(5)	(18)
6	8
− 1	9
4	9

m.
T	O
(8)	(14)
9	4
− 2	6
6	8

n.
T	O
(2)	(16)
3	6
− 2	7
0	9

o.
T	O
(7)	(16)
8	6
− 7	8
0	8

p.
T	O
(8)	(15)
9	5
− 4	6
4	9

q.
T	O
(7)	(12)
8	2
− 6	3
1	9

r.
T	O
(6)	(10)
7	0
− 5	5
1	5

s.
T	O
(5)	(10)
6	0
− 4	4
1	6

t.
T	O
(7)	(10)
8	0
− 2	6
5	4

u.
T	O
④	⑩
5̶	0̶
− 2	5
2	5

v.
T	O
⑥	⑮
7̶	5̶
− 3	6
3	9

w.
T	O
⑦	⑪
8̶	1̶
− 6	7
1	4

x.
T	O
⑥	⑫
7̶	2̶
− 5	6
1	6

y.
T	O
⑦	⑩
8̶	0̶
− 5	4
2	6

Exercise 5.5

A. Find the difference.

a.
H	T	O
④	⑮	⑫
5	6	2
− 2	6	4
2	9	8

b.
H	T	O
②	⑱	○
3	8	9
− 1	9	2
1	9	7

c.
H	T	O
⑤	⑨	⑮
6	0	5
− 2	5	8
3	4	7

d.
H	T	O
②	⑯	⑯
3	7	6
− 2	8	8
0	8	8

e.
H	T	O
⑧	⑭	⑩
9	5	6
− 3	6	4
5	8	6

f.
H	T	O
④	⑨	⑩
5	0	0
− 3	4	5
1	5	5

g.
H	T	O
○	○	○
7	5	6
− 4	5	6
3	0	0

h.
H	T	O
⑦	⑨	⑯
8	0	6
− 4	5	8
3	4	8

i.
H	T	O
③	⑩	
4	0	4
− 3	5	4
0	5	0

j.
H	T	O
○	○	○
7	6	8
− 4	6	5
3	0	3

k.
H	T	O
⑦	⑨	⑱
8	0	8
− 5	6	9
2	3	9

l.
H	T	O
②	⑮	○
3	5	7
− 2	8	2
0	7	5

m.
H	T	O
⑤	⑩	⑮
6	1	5
− 2	5	9
3	5	6

n.
H	T	O
③	⑬	⑮
4	4	0
− 3	6	5
0	7	5

o.
H	T	O
⑤	⑬	⑮
6	4	5
− 1	6	8
4	7	7

2. Subtract :

a.
H	T	O
9	8	7
− 5	9	3

800 180
9̶0̶0̶ hundreds + 8̶0̶ tens + 7 ones
− 500 hundreds + 90 tens + 3 ones
300 hundreds + 90 tens + 4 ones

b.
H	T	O
②	⑰	⑬
5	8	3
− 2	9	7
2	8	6

400 170 13
5̶0̶0̶ hundreds + 8̶0̶ tens + 3 ones
− 200 hundreds + 90 tens + 7 ones
200 hundreds + 80 tens + 6 ones

Mathematics-2 84

Life Skills

Jeny buys balloons for ₹ 142. She gives the balloon seller [ ] ₹ 150. The balloon seller pays her back ₹ 10 and asks for change.

How much change should she give him?

Tick (✓) the correct option.

₹ 1 ✓   ₹ 2 ✓   ₹ 4 [ ]   ₹ 5 [ ]

Exercise 5.6

1.   Find the difference and check your answer using addition.

a.

T	O
7	6
− 2	4
5	2

T	O
5	2
+ 2	4
7	6

b.

T	O
9	1
− 5	0
4	1

T	O
4	1
+ 5	0
9	1

c.

T	O
2	5
− 1	3
1	2

T	O
2	5
+ 1	3
2	5

d.

T	O
8	3
− 4	2
4	1

T	O
4	1
+ 4	2
8	3

2.   Fill in the blanks.

b.	60	+	25	=	85		85	−	25	=	60
c.	76	+	4	=	80		80	−	4	=	76
d.	45	+	10	=	55		55	−	10	=	45
e.	52	+	8	=	60		60	−	8	=	52
f.	38	+	4	=	42		42	−	4	=	38

Exercise 5.7

1.   Solve these story problems :

1. A shopkeeper had 740 packets of chips. Out of these packets he sold 346 packets. How many packets were left?

Ans. 394 Packets were left.

H	T	O
⑥	⑬	⑩
7	4	0
− 3	4	6
3	9	4

2. A shopkeeper had 740 packets of chips. Out of these packets he sold 346 packets. How many packets were left?

Ans : There are 237 deer more than tigers.

H	T	O
⑤	⑭	
6̶	4̶	5
− 2	8	1
3	6	4

3. In a zoo**,** there are 412 deer and 175 tiger. How many more deer than tiger are there in the zoo?
Ans : There are 237 deer more than tigers.

H	T	O
③	⑩	⑫
4	1	2
− 1	7	5
2	3	7

4. There are 50 students in a class. 24 of them are girls. Rest are boys. How many boys are there in the class?
Ans : There are 26 boys in the class.

T	O
④	⑩
5̶	0̶
− 2	4
2	6

5. In a book, there are 96 pages. Kini has read 78 pages. How many pages are left unread?
Ans : 18 Pages are left unread.

T	O
⑧	⑯
9̶	6̶
− 7	8
1	8

6. A balloon seller had 55 balloons. He sold 50 of them. How many balloon are left unsold?
Ans : 5 balloon are left unsold.

T	O
⑤	⑭
5̶	0̶
− 2	4
2	6

Exercise 5.8

Add or subtract.

1. A courier boy delivered 77 packets and 125 letters during the week. How many deliveries did he make in all?
Ans. He delivered 202 deliveries in all.

H	T	O
①	①	
	7	7
− 1	2	5
2	0	2

2. There are 864 students in a school, out of which 453 are boys. How many of the total students are girls?
Ans. There are 411 girls in the school.

H	T	O
③	⑩	⑫
4	1	2
− 1	7	5
2	3	7

3. A wholesaler sold 190 balls and 105 cars in a day. How many toys did he sell in all?

H	T	O
1	9	0
− 1	0	5
2	9	5

Ans : There are 411 girls in the school.

---

4. An exercise book had 168 pages. 139 pages have been used. How many pages are unused?

H	T	O
	⑤	⑱
4	1	2
− 1	7	5
2	3	7

Ans : There are 29 pages unused in the exercise book.

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. b. difference 2. a. 0 3. a. ₹25
4. a. 217 5. b. before number

Fun with Maths

1. **Help postman Rajan deliver these letters to the right homes**

Mrs. Kaul
House Number 81

Mr. Khan
House Number 400

Ms. Simran
House Number 490

Ms. Swati
House Number 486

Mr. Kapoor
House Number 252

Mr. Gaurav Khanna
House Number 249

My house number is 345+145.

My house number is 400−151.

My house number is 940−859.

My house number is 160 more than 92

My house number is 300 less than 700

My house number is 249+237.

2. Do it yourself.

6 Multiplication

Look Back

A. **Look at the multiplication shown on the number line and fill in the boxes.**

Ans.

1.
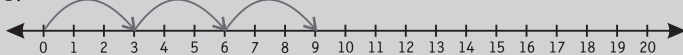
3 jumps of 3 = 3 × 3 = 9

2.
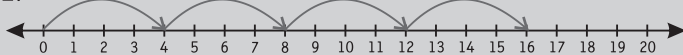
4 jumps of 4 = 4 × 4 = 16

3.
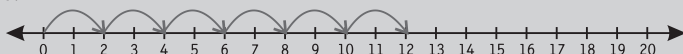
6 jumps of 2 = 6 × 2 = 12

4.
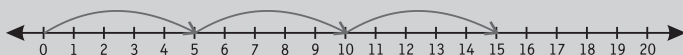
3 jumps of 5 = 3 × 5 = 15

B. **Fill in the boxes. One is done for you.**

Ans. a.

3 Bees   3 Bees   6 Bees

So, 3 times 3 = 6 or 2 × 3 = 6

b.

4 Books   4 Books   4 Books   12 Books

So, 3 times 4 = 12 or **3 × 4** = 12

c.

| Chair | + | Chair | + | Chair | = | Chairs |

So, ⬜ times ⬜ = ⬜ or ...... × ...... = ⬜

---

d.

3 Softies + 3 Softies + 3 Softies = 9 Softies

So, 3 times 3 = 9 or 3 × 3 = 9

Exercise 6.2

1.   Match the boxes with the circles :

Ans.

4 × 5	27
9 × 3	24
7 × 3	20
3 × 8	49
7 × 7	35
5 × 7	21

6 × 8	40
5 × 8	18
2 × 9	48
2 × 6	30
5 × 6	36
6 × 6	12

2.   Fill in the boxes :

Ans.

3 × 2 =	6
6 × 3 =	18
9 × 2 =	18
4 × 7 =	28
8 × 4 =	32
4 × 6 =	24
10 × 5 =	50
6 × 10 =	60
8 × 3 =	24

7 × 4 =	28
7 × 8 =	56
9 × 5 =	45
6 × 9 =	54
8 × 8 =	64
5 × 3 =	15
10 × 10 =	100
9 × 9 =	81

Fill in the boxes.

Ans. 1. $3 \times 2 = \boxed{2} \times 3 = \boxed{6}$ 2. $\boxed{7} \times 4 = 4 \times 7 = \boxed{28}$

3. $3 \times \boxed{8} = 8 \times 3 = \boxed{24}$ 4. $5 \times \boxed{9} \times 5 = \boxed{45}$

5. $\boxed{1} \times 10 = \boxed{10} \times 1 = 10$ 6. $8 \times \boxed{5} = \boxed{5} \times 8 = 40$

Exercise 6.3

1. Fill in the circles to complete the multiplication properties.

Ans. 1. $4 \times 7 = \boxed{7} \times 4 = \boxed{28}$ 2. $2 \times 9 = \boxed{9} \times 2 = \boxed{18}$

3. $\boxed{3} \times 10 = 10 \times 3 = \boxed{30}$ 4. $5 \times \boxed{8} = 8 \times 5 = \boxed{40}$

5. $\boxed{2} \times 0 = 0 \times 2 = \boxed{0}$ 6. $9 \times 1 = 1 \times \boxed{9} = \boxed{9}$

7. $\boxed{6} \times 4 = \boxed{} \times 6 = 24$ 8. $\boxed{3} \times 6 = 6 \times 3 = \boxed{18}$

Exercise 6.4

Find the product using multiplication tables.

Ans.

a.
T	O
	8
×	2
1	6

b.
T	O
	5
×	4
2	0

c.
T	O
	9
×	9
8	1

d.
T	O
	2
×	9
1	8

e.
T	O
	7
×	7
4	9

f.
T	O
	8
×	9
5	6

g.
T	O
	8
×	6
4	8

h.
T	O
	3
×	8
2	4

i.
T	O
	7
×	3
2	1

j.
T	O
1	0
×	4
4	0

k.
T	O
	9
×	5
4	5

l.
T	O
	6
×	7
4	2

Exercise 6.5

Find the product.

Ans.

a.
T	O
3	0
×	3
9	0

b.
T	O
2	1
×	2
4	2

c.
T	O
4	3
×	2
8	6

d.
T	O
2	4
×	2
4	8

e.

T	O
2	3
×	3
6	9

f.

T	O
1	2
×	3
3	6

g.

T	O
2	0
×	4
8	0

h.

T	O
1	3
×	3
3	9

i.

T	O
4	1
×	2
8	2

j.

T	O
2	2
×	4
8	8

k.

T	O
3	3
×	3
9	9

l.

T	O
1	1
×	5
5	5

Exercise 6.6

Find the product.

Ans.

a.

H	T	O
2	3	1
×		3
6	9	3

b.

H	T	O
2	4	2
×		2
4	8	4

c.

H	T	O
3	2	1
×		3
9	6	3

d.

H	T	O
1	3	0
×		2
2	6	0

e.

H	T	O
1	0	1
×		6
6	0	6

f.

H	T	O
1	0	2
×		4
4	0	8

g.

H	T	O
7	9	6
×		1
7	9	6

h.

H	T	O
4	3	4
×		2
8	6	8

Exercise 6.7

1. Find the product.

Ans.

a.

H	T	O
	②	①
	5	4
×		4
2	1	6

b.

H	T	O
	③	⑤
	5	9
×		6
3	5	4

c.

H	T	O
	②	③
	6	9
×		4
2	7	6

d.

H	T	O
	①	①
	7	2
×		7
1	5	4

e.

H	T	O
	①	②
	2	4
×		7
1	6	8

f.

H	T	O
	⑤	⑦
	6	5
×		8
5	2	0

g.

H	T	O
	①	②
	4	9
×		3
1	4	7

h.

H	T	O
	⑥	①
	7	2
×		9
6	4	8

i.

H	T	O
	①	①
	3	3
×		6
1	9	8

j.

H	T	O
	④	③
	8	6
×		5
4	3	0

k.

H	T	O
	①	
3	1	5
×		2
6	3	0

l.

H	T	O
	②	
2	2	7
×		3
6	8	1

m.	H	T	O	n.	H	T	O	o.	H	T	O	p.	H	T	O
	③	②			②	③			①	①			③	①	
	1	7	4		1	6	9		2	5	8		1	6	9
	×		5		×		4		×		2		×		6
	8	7	0		6	7	6		5	1	6		9	7	8

q.	H	T	O	r.	H	T	O	s.	H	T	O	t.	H	T	O
	②	③				④			①	②				④	
	1	3	6		1	0	7		1	2	3		1	0	5
	×		6		×		7		×		8		×		9
	8	1	6		7	4	9		9	8	4		9	4	5

Mental Maths

Multiply mentally.

Ans. 1. $23 \times 5 = $ **115**   2. $12 \times 9 = $ **108**   3. $15 \times 10 = $ **150**
   4. $15 \times 3 = $ **45**   5. $25 \times 2 = $ **50**   6. $17 \times 6 = $ **102**

Exercise 6.8

Solve the following :

1. 84 children can sit in a bus. How many children can sit in 2 such buses?

   Ans : 168 children can sit in 2 buses.

H	T	O
	8	4
×		2
1	6	8

2. There are 5 rows of trees and 35 trees in eac3. How many trees are there in all?

   Ans : There are 175 trees in all.

H	T	O
①	②	
	3	5
×		5
1	7	5

3. There are 7 trees in a garden. If 32 birds sit on each tree, then how many birds are there in all?

   Ans : There are 224 birds in the garden.

H	T	O
②	①	
	3	5
×		5
1	7	5

4. There are 5 bundles of kites. In each bundle 120 kites are packed. How many kites are there in all?

   Ans : There are 600 kites in all.

H	T	O
②		
1	2	0
×		5
6	0	0

5. There are 3 shelves in a library. Each shelf has 124 books. How many books are there in all?

Ans : There are 372 books in the library.

H	T	O
	8	4
×		2
1	6	8

Multiple Choice Questions

Tick (✓) the correct choice :

Ans. 1. b. 7 × 2   2. a. 7   3. c. 0   4. a. 304

Mental Maths

Fill in the blanks and boxes :

Ans. 1. 3 sixes = 2 × **9 = 18**

2. 9 times 8 + 8 = **8** tens

3. If 4 times 6, then **4** + **4** + **4** + **4** + **4** + **4**
   = **24** = 4 × **6**

4. What will be the next four numbers in the given skip counting pattern?
   55, 50 **45** , **40** , **35** ,

5. **0** × 10 = 0

6. 9 × 9 = **8 tens 1** ones

Hots

Ans. 42

Fun with Maths

Multiply and write the answer :

Ans.

28 days   **30** fingers

60 days

24 legs   **18** hands

60 legs   **24** faces

600 paise   **48** humps

7 **Division**

Divide

2. 12 pencils are to be divided among 3 girls.

Ans.
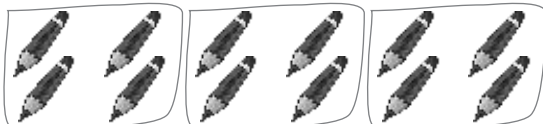
$12 \div 3 = \boxed{4}$

3. 20 apples are to be divided among 5 children.

Ans.
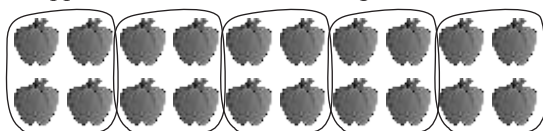
$20 \div 5 = \boxed{4}$

4. 12 Ice-cream among 3 children

Ans.

$12 \div 3 = \boxed{4}$

5. 4 can of cold drink among 4 people

Ans.

$4 \div 4 = \boxed{1}$

6. 20 guavas among 10 children

Ans.

$20 \div 10 = \boxed{1}$

7. 16 sandwiches among 4 children

Ans.

$\bigcirc \div \bigcirc = \bigcirc$