CANDY TREE

Power of

MATHEMATICS

Authors :

Naresh Shrivastav
M.Sc. (Maths), B.Ed
&
Rishabh Arora
M.Sc. (Maths)

Help-Kit
1-5

2 × 10

4 + 20

18 ÷ 6

20 − 10

1 Pre-number Concepts

Let's Revise

Write 'B' for big and 'S' for small one.

Ans.

B   S

Write 'H' for heavy and 'L' for light one.

Ans.

I   H

Tick (✓) the taller one.

Ans.

✓

Cross (✗) the shorter one.

Ans.

✗

Who is near the bus? Tick (✓) it.

Ans.

✓

Who is on the top? Tick (✓) it.

Ans.

✓

BEFORE AND AFTER
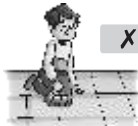
Put a (✓) on who is before the girl.
Put a (✗) on who is after the girl.

Ans.

✗   ✓

Boy   Girl   Old Woman

ON AND UNDER

Put a (✓) on the items those are under.
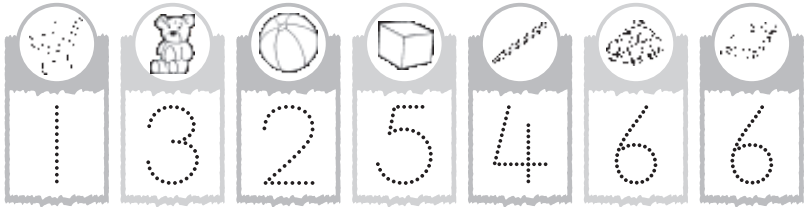
Ans.

✓
✓   ✓

Put a (✗) on the items that are on.

Ans.

✗
✗

Numbers 1-10

COUNTING OBJECTS

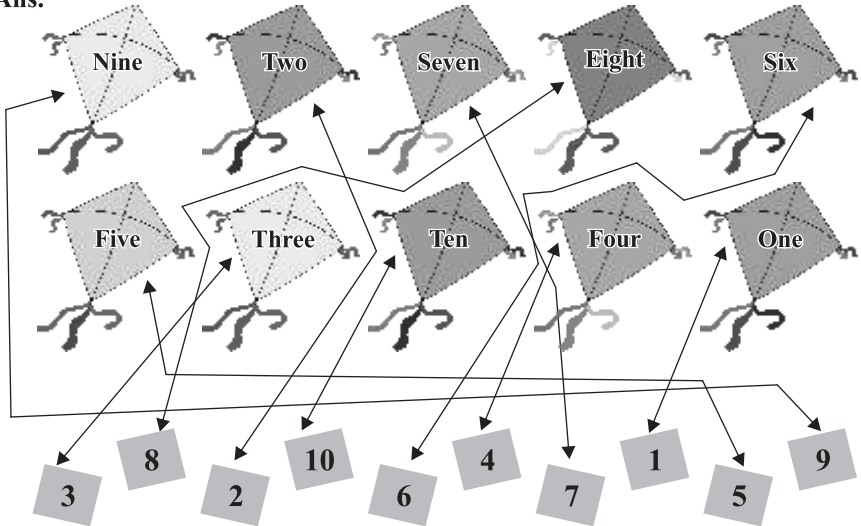**Now, colour the pictures and fill in the correct numbers :**
Ans.

| 1 | 3 | 2 | 5 | 4 | 6 | 6 |

NUMBERS AND THEIR NAMES

Draw strings from the kites to the right numbers :
Ans.

Nine   Two   Seven   Eight   Six

Five   Three   Ten   Four   One

8   10   4   1   9

3   2   6   7   5

Circle the word which rhymes with each number name :
Ans.

ONE	(sun)	gone	bet		FIVE	(time)	feel	dive
TWO	go	do	for		SIX	sip	fix	sits
THREE	sit	free	time		EIGHT	gate	eat	lot
FOUR	more	fall	fit		NINE	night	fine	nice

Count and tick (✓) the correct numeral :

Ans.

| | 4 ✓ | 6 | 7 |

| | 8 | 9 ✓ | 6 |

| | 6 | 7 ✓ | 8 |

| | 8 | 9 | 5 ✓ |

| | 8 ✓ | 9 | 7 |

| | 2 | 3 ✓ | 4 |

| | 4 | 6 ✓ | 8 |
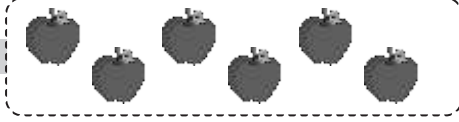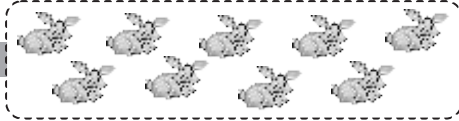
MORE-LESS-SAME

Tick (✓) the group which has more :   **Tick (✓) the group which has less :**

Ans.   Ans.

    ✓   ✓

BEFORE, AFTER AND BETWEEN

Fill in the blanks by writing the numeral that comes :

Ans.

before	between	after
1 2	3 4 5	5 6

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

COMPARISON OF NUMBERS

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

Ans.

7	>	3

6	>	5

2	>	5

4	=	4

MENTAL MATHS

Write the missing letters to get the number names.

Ans.
1. ONE 2. TWO 3. THREE 4. FOUR
5. NINE 6. SIX 7. SEVEN 8. EIGHT
9. NINE 10. TEN

3 | Ordinal Numbers

Now answer the following questions :

Ans. Tom is standing at **first** position.
Teena is standing at **Eight** position.
Nine position is for Vimal.
Heena is at **Five** position and Soni is at **Second** position.

4 | Addition up to 10

AUDITION

Write the sum :

Ans.

$3 + 1 = 4$

$6 + 3 = 9$

$7 + 0 = 7$ $5 + 4 = 9$

Write the addition sentence and find the sum :

Ans.
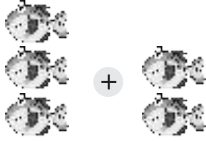
3	+	2	=	5

6	+	3	=	9
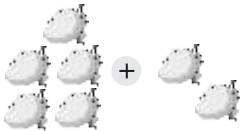
5	+	2	=	7

3	+	0	=	3

4	+	1	=	5

6	+	4	=	10

Add :

Ans.

$6 + 0 = 6$ $3 + 1 = 4$ $5 + 0 = 5$

$1 + 5 = 6$ $0 + 9 = 9$ $1 + 7 = 8$

Use the number strip to add and write the numbers in the boxes :

Ans.

$1 + 2 = 3$ $0 + 3 = 3$ $3 + 1 = 4$

$1 + 5 = 6$ $5 + 2 = 7$ $6 + 2 = 8$

$9 + 1 = 10$ $0 + 5 = 5$ $3 + 2 = 5$

$8 + 0 = 8$ $4 + 5 = 9$ $3 + 3 = 6$

$1 + 8 = 9$ $7 + 2 = 9$ $4 + 4 = 8$

ADDITION IN TWO DIFFERENT WAYS

Add across or horizontally :

Ans.

| 3 | + | 5 | = | 8 |

| 6 | + | 4 | = | 10 |

| 7 | + | 2 | = | 9 |

| 6 | + | 2 | = | 8 |

| 5 | + | 5 | = | 10 |

| 3 | + | 7 | = | 10 |

Add down or vertically ;

Ans.

| 3 |
| + 5 |
| 8 |

| 6 |
| + 4 |
| 10 |

| 7 |
| + 2 |
| 9 |

| 6 |
| + 2 |
| 8 |

| 5 |
| + 5 |
| 10 |

| 3 |
| + 7 |
| 10 |

ORDER IN ADDITION

Think before you write :

Ans.

5 + 2 = **2** + **5**

1 + 7 = **7** + **1**

3 + 2 = **2** + **3**

6 + 1 = **1** + **6**

2 + 4 = **4** + **2**

5 + 0 = **0** + **5**

6 + 3 = **3** + **6**

4 + 5 = **5** + **4**

9 + 1 = **1** + **9**

Fill in the blanks :

Ans.

1 + 6 = **6** + **1**

6 + **2** = 2 + 6

2 + **7** = 7 + **2**

4 + **6** = 6 + 4

2 + **3** = 3 + 2

3 + **4** = 4 + **3**

2 + **8** = 8 + 2

5 + **5** = 5 + 5

6 + **2** = 2 + **6**

STORY PROBLEMS

Read a count and add :

Ans. 2 frogs are in the pond.
3 frogs are outside the pond.
There are **5** frogs in all.

| 2 |
| + 3 |
| **5** |

There are 2 yellow ducks.
4 ducks are white.
There are **6** ducks in all.

| 2 |
| + 4 |
| **6** |

3 trees near the pond.
4 trees far away from the pond.
There are **7** trees in all.

| 3 |
| + 4 |
| **7** |

3 fish are in the water.
3 more fish join them.
There are **6** fish in all.

| 3 |
| + 3 |
| **6** |

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

5 Subtraction up to 10

Count and write in the boxes :

Ans.   There were **6** apples

                                    4 apples were eaten.

                                    So, there are **2** apples left.

Take away and write the answer :

Ans.

3 cats   1 goes away $3 - 1 = 2$

6 balloons   3 float away $6 - 3 = 3$

BACKWARD COUNTING FOR SUBTRACTION

Use the number line to subject and write the numbers in the boxes :

Ans.

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

Subtract :

Ans.

| $1 - 0 =$ 1 | $2 - 0 =$ 2 | $4 - 0 =$ 4 |
| $6 - 0 =$ 6 | $8 - 0 =$ 8 | $9 - 0 =$ 9 |

Subtract :

Ans.

| $9 - 1 =$ 8 | $3 - 1 =$ 2 | $4 - 1 =$ 3 |
| $7 - 1 =$ 0 | $6 - 1 =$ 6 | $6 - 1 =$ 5 |

Use the number line to subtract and write the numbers in the boxes :

Ans.

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

Subtract across or horizontally :   **Subtract down or vertically :**

Ans.

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

Ans.

```
   4          5
 – 1        – 3
   3          2
```

```
   8          4
 – 2        – 0
   6          4
```

```
   7          9
 – 5        – 5
   2          4
```

STORY PROBLEMS

Solve the following story sums :

Ans. 4 monkeys were swinging on a tree.
2 fell down. How many are left on the tree?
2 monkeys are on the tree now.

```
   4
 – 2
   2
```

7 bananas were in a bunch.
Monkey plucked 1 banana. How many are left in the bunch?
6 bananas are in the bunch now.

```
   7
 – 1
   6
```

8 mangoes were on a tree.
3 fell down. How many are left on the tree?
5 mangoes are on the tree now.

```
   8
 – 3
   5
```

There were 5 birds on the tree.
2 birds flew away. How many are left?
3 birds are left.

```
   5
 – 2
   3
```

Multiple Choice Questions :
Tick (✓) the correct choice :
Ans. 1. b.   2. b.   3. c.

6 Numbers up to 20

MAKING TEN

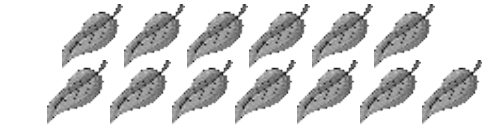**Find out how many TENS and ONES are there :**

Ans.

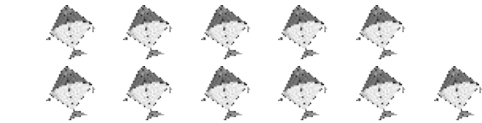| Tens	Ones
1	4

14

Tens	Ones
1	5

15

Tens	Ones
1	3

13

Tens	Ones
1	9

19

Tens	Ones
1	1

11

Tens	Ones
2	0

20

BEFORE, AFTER AND BETWEEN

Try filling in the missing numbers :

Ans.

Before	Between	After	Before	Between	After
10	11	12	14	15	16
4	5	6	15	16	17
12	13	14	12	13	14
10	11	12	13	14	15
7	8	9	5	6	7
18	19	20	17	18	19

COMPARING NUMBERS

Put a circle around the smallest number :

Ans.

| 12 | 8 | 20 | 9 | 12 | 3 | 5 | 10 | 6 | 16 | 18 | 11 |

Put a circle around the greatest number :

Ans.

| 15 | 19 | 7 | 17 | 15 | 6 | 18 | 14 | 19 | 13 | 8 | 11 |

Put >, < or = signs in the boxes :

Ans.

| 10 | > | 14 | 12 | > | 14 | 11 | = | 11 | 10 | > | 12 |

| 13 | > | 12 | 17 | > | 18 | 9 | > | 15 | 20 | > | 18 |

SMALLEST TO BIGGEST

Write the given numbers in increasing order :

Ans.

| 12 | 18 | 10 | 14 |

10 12 14 18

| 15 | 17 | 12 | 11 |

11 12 15 17

| 13 | 16 | 18 | 19 |

13 16 18 19

| 10 | 9 | 16 | 20 |

9 10 16 20
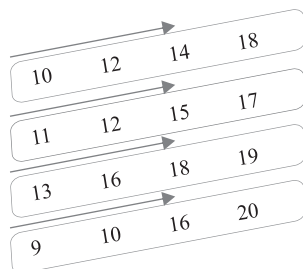
BIGGEST TO SMALLEST

Write the given numbers in decreasing order :

Ans.

| 18 | 15 | 12 | 13 |

18 15 13 12

| 14 | 12 | 19 | 17 |

19 17 14 12

| 19 | 12 | 16 | 18 |

19 18 16 12

| 9 | 11 | 18 | 17 |

18 17 11 9
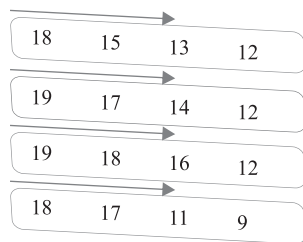
Mental Maths

Think and write the missing number :

Ans.

0	1	2	3		14	15	16	17
7	8	9	10		11	12	13	14
6	7	8	9		10	11	12	13
4	5	6	7		17	18	19	20

7 Addition and Subtraction up to 20

MAKING 10 TO ADD

Make 10 and add.

Ans.

6 + 6 = **12**

4 + 7 = **11**

ADDITION BY COUNTING FORWARD

Start from 9 and count forward.

Ans.

+

| 9 | ➡ | 10 | 11 | 12 | 13 | 14 |

9 + 5 = 14

+

| 10 | ➡ | 11 | 12 | 13 | 14 | 15 |

10 + 5 = 15

+

| 12 | ➡ | 13 | 14 | 15 | 16 | 17 | 18 |

12 + 6 = 18

+

| 12 | ➡ | 13 | 14 | 15 |

12 + 3 = 15

+

| 15 | ➡ | 16 | 17 | 18 | 19 | 20 |

15 + 5 = 20

Make your drawings.

Ans.

8 + 4 = **12**

T	O
	8
+	4
1	2

	T O	
12 + 5 = **17**	1 2 + 5 1 7	

	T O	
15 + 4 = **19**	1 5 + 4 1 9	

	T O	
12 + 6 = **18**	1 2 + 6 1 8	

	T O	
13 + 4 = **17**	1 3 + 4 1 7	

ADDING THREE NUMBERS

Add across.

Ans.

7 + 8 + 5 = **20**

6 + 4 + 7 = **17**

9 + 2 + 5 = **16**

4 + 3 + 8 = **15**

2 + 7 + 5 = **14**

4 + 1 + 6 = **11**

Add down.

Ans.

6	5
+ 7	6
+ 5	7
1 8	

4	3
+ 7	4
+ 3	7
1 4	

3	1
+ 5	3
+ 1	5
9	

7	4
+ 4	7
+ 8	8
1 9	

4	3
+ 3	4
+ 9	9
1 6	

5	5
+ 7	7
+ 8	8
2 0	

SUBTRACTION

How many numbers? Cross and find out.

Ans.

15 − 4 = **11**

T O
1 5
+ 4
1 1

		T	O
	11 − 5 = **6**	1	1
		+	5
		0	6

		T	O
	14 − 7 = **7**	1	4
		+	7
		0	7
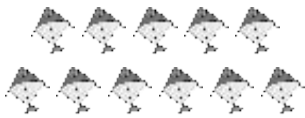
		T	O
	13 − 3 = **10**	1	3
		+	3
		1	0

SUBTRACTION BY COUNTING BACKWARDS

Use the number strip to subtract the following :

Ans.

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

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

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

ADD OR SUBTRACT

Ans. They saw 8 parakeets and 6 emus. How many birds did they see?
They saw **14** birds in all.

T	O
	8
+	6
1	4

There are 15 monkeys and 8 deer. How many more monkeys than deer?
7 monkeys more than deer.

T	O
1	5
−	8
	7

Peter had 18 bananas. 12 bananas were eaten by them. How many are left?
6 bananas are left.

T	O
1	8
− 1	2
0	6

T	O	
0	6	There are 6 crocodiles and 12 ducks. How many water animals are
− 1	2	there?
1	8	There are **18** water animals.

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

8 Numbers up to 100

Draw a line to match the number with the number names :
Ans.

29 → Twenty-nine

49 → Forty-nine

39 → Thirty-nine

50 → Forty-four

33 → Thirty-three

44 → Fifty
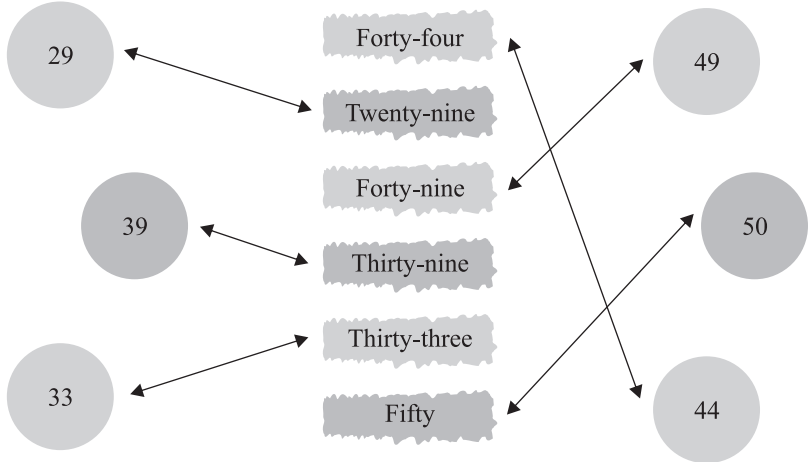
How many? Count and write :

		T	O		
Ans.	2 packets of ten crayons each and 6 loose ones.	2 +	0 6	=	26
	4 collections of ten leaves each and 1 loose one.	4 +	0 1	=	41
	3 baskets of ten mangoes each and 9 loose ones.	3 +	0 9	=	39
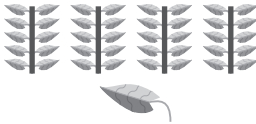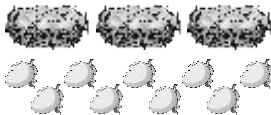
NUMBERS 51 TO 100

Numbers 51 to 60 :

Ans.

					Tens	Ones
50	+	1	is	fifty-one	5	1
50	+	2	is	fifty-two	5	2
50	+	3	is	fifty-three	5	3
50	+	4	is	fifty-four	5	4
50	+	5	is	fifty-five	5	5
50	+	6	is	fifty-six	5	6
50	+	7	is	fifty-seven	5	7
50	+	8	is	fifty-eight	5	8
50	+	9	is	fifty-nine	5	9
50	+	10	is	sixty	6	0

Numbers 61 to 70 :

Ans.

					Tens	Ones
60	+	1	is	sixty-one	6	1
60	+	2	is	sixty-two	6	2
60	+	3	is	sixty-three	6	3
60	+	4	is	sixty-four	6	4
60	+	5	is	sixty-five	6	5
60	+	6	is	sixty-six	6	6
60	+	7	is	sixty-seven	6	7
60	+	8	is	sixty-eight	6	8
60	+	9	is	sixty-nine	6	9
60	+	10	is	seventy	7	0

Numbers 71 to 80 :

Ans.

					Tens	Ones
70	+	1	is	seventy-one	7	1
70	+	2	is	seventy-two	7	2
70	+	3	is	seventy-three	7	3
70	+	4	is	seventy-four	7	4
70	+	5	is	seventy-five	7	5
70	+	6	is	seventy-six	7	6
70	+	7	is	seventy-seven	7	7
70	+	8	is	seventy-eight	7	8
70	+	9	is	seventy-nine	7	9
70	+	10	is	eighty	8	0

Numbers 81 to 90 :

Ans.

					Tens	Ones
80	+	1	is	eighty-one	8	1
80	+	2	is	eighty-two	8	2
80	+	3	is	eighty-three	8	3
80	+	4	is	eighty-four	8	4
80	+	5	is	eighty-five	8	5
80	+	6	is	eighty-six	8	6
80	+	7	is	eighty-seven	8	7
80	+	8	is	eighty-eight	8	8
80	+	9	is	eighty-nine	8	9
80	+	10	is	ninety	9	0

Numbers 91 to 100 :

Ans.

					Tens	Ones
90	+	1	is	ninety-one	9	1
90	+	2	is	ninety-two	9	2
90	+	3	is	ninety-three	9	3
90	+	4	is	ninety-four	9	4
90	+	5	is	ninety-five	9	5
90	+	6	is	ninety-six	9	6
90	+	7	is	ninety-seven	9	7
90	+	8	is	ninety-eight	9	8
90	+	9	is	ninety-nine	9	9
90	+	10	is	hundred	10	0

HUNDRED NUMBER CHART

Complete the hundred number chart :

Ans.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Expand tens and ones :

Ans.

27 = [2] tens and [7] ones

39 = [3] tens and [9] ones

71 = [7] tens and [1] ones

85 = [8] tens and [5] ones

Write the number :

Ans.

[3] tens and [9] ones = [39]

[6] tens and [2] ones = [62]

[8] tens and [9] ones = [89]

[7] tens and [8] ones = [78]

What comes in between?

Ans.

16	17	18
70	71	72
92	93	94
75	76	77

77	17	18
41	42	43
13	14	15
44	45	46

40	41	42
17	18	19
62	63	64
91	92	93

What comes before and after :

Ans.

27	28	29
91	92	93
10	11	12
77	78	79

65	66	67
35	36	37
90	91	92
44	45	46

18	19	20
45	46	47
62	63	64
20	21	22

Colour the flower which has smallest number :

Ans.

29   27✔   43

91   89   48✔

62   60   39✔

36✔   42   93

53✔   72   57

Colour the balloon which has largest number :

Ans.

77   66   44✔
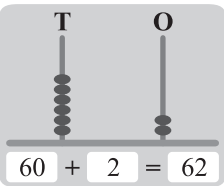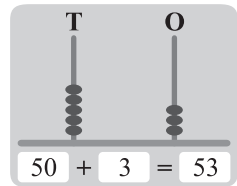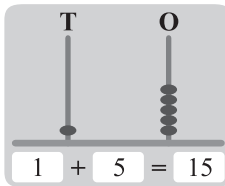
46   18   14✔

93   90   89✔

51✔   76   70

92   43✔   99

PLACE VALUES

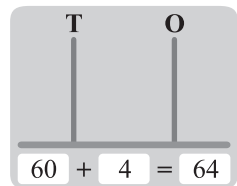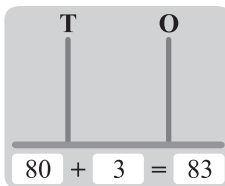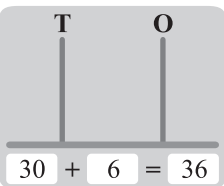**Write the correct number below the abacus.**

Ans.

T	O

16

T	O

34

T	O

22

Write the numeral :

Ans.

T	O

60 + 3 = 63

T	O

1 + 5 = 15

T	O

50 + 3 = 53

T	O

60 + 2 = 62

T	O

60 + 0 = 60

T	O

40 + 6 = 46

T	O

20 + 2 = 22

T	O

20 + 2 = 20

T	O

20 + 2 = 22
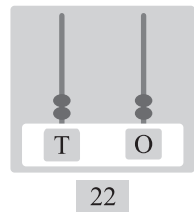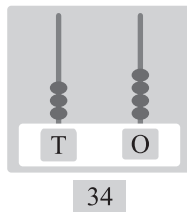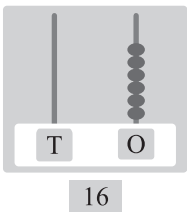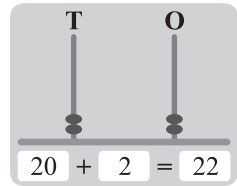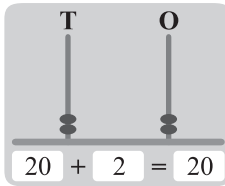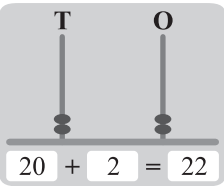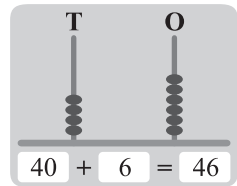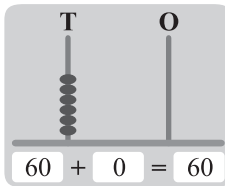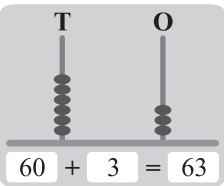
Draw the beads for these :

Ans.

T	O

30 + 6 = 36

T	O

80 + 3 = 83

T	O

60 + 4 = 64

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

9 Addition and Subtraction up to 100

Solve the following questions :

Ans. 1. There are 7 brinjal plants. Gardner plants 5 more. How many are there in all?

T	O
	7
+	5
1	2

2. There are 19 tomato plants. Zara has watered 8. How many are left?

T	O
1	9
+	8
1	1

ADDITION

Add the following.

Ans.

T	O
2	3
+	4
2	7

T	O
4	1
+	3
4	4

T	O
5	6
+	1
5	7

T	O
3	3
+	4
3	7

T	O
9	2
+	5
9	7

T	O
8	2
+	4
8	6

T	O
6	7
+	2
6	9

T	O
1	3
+	5
1	8

T	O
7	2
+	7
7	9

T	O
5	1
+	6
5	7

T	O
4	4
+	5
4	9

T	O
6	1
+	5
6	6

T	O
5	2
+	3
5	5

T	O
1	2
+	7
1	9

T	O
6	4
+	5
6	9

IN THE SCHOOL

Read and solve the addition problems :

Ans. There are 16 girls and 23 boys in the class IA. How many children are there altogether?
16 + 23 = 39 children

T	O
1	6
+ 2	3
3	9

Geeta has 15 pencils and her brother has 14. What is the total number of pencils?
15 + 14 = 29 pencils

T	O
1	5
+ 1	4
2	9

On a particular day, 20 boys and 15 girls are present. How many children are present?
20 + 15 = 35 children

T	O
2	0
+ 1	5
3	5

Ruhi got 42 marks in English and 36 marks in Mathematics. How many marks did she get in both subjects?
42 + 36 = 78 marks

T	O
4	2
+ 3	6
7	8

There are 31 desks and 46 chairs in class IA. How many desks and chairs are there in total?

31 + **46** = **77** desks and chairs.

T	O
2	0
+ 1	5
3	5

SUBTRACTION

Subtract the following :

Ans.

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

T	O		T	O		T	O		T	O		T	O
3	4		4	6		7	9		8	3		9	7
–	3		–	2		–	1		–	2		–	4
3	1		4	4		7	8		8	1		9	3

T	O		T	O		T	O		T	O		T	O
7	2		9	9		2	8		3	1		7	5
–	1		–	7		–	5		–	1		–	3
7	1		9	2		2	3		3	0		7	2

T	O		T	O		T	O		T	O		T	O
6	3		3	7		3	5		9	5		8	8
–	3		–	2		–	2		–	5		–	6
6	0		3	5		3	3		9	0		8	2

Subtract the following :

Ans.

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

T	O		T	O		T	O		T	O		T	O
9	4		8	6		8	2		6	8		9	5
– 3	1		– 4	5		– 4	2		– 4	2		– 5	4
6	3		4	1		4	0		2	6		4	1

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

T	O		T	O		T	O		T	O		T	O
2	7		4	9		9	9		7	3		5	4
– 1	2		– 2	7		– 4	9		– 6	1		– 2	2
1	5		2	2		5	0		2	2		3	2

IN THE PARK AGAIN

Read and solve :

Ans. Ram had 27 marbles. He lost 10 marbles. How many marbles are left with him?

27 – 10 = 17 marbles

T	O
2	7
– 1	0
1	7

Out of 46 boys in the park, 22 are playing football. How many are not playing football?

46 – 22 = 24 boys

T	O
4	6
– 2	2
2	4

There are 38 trees. Out of these 17 are Ashoka trees. How many are not Ashoka trees?

38 – 17 = 21 trees

T	O
3	8
– 1	7
2	1

A balloon seller had 66 balloons. He sold 35 balloons. How many are left?

66 – 35 = 31 balloons

T	O
6	6
– 3	5
3	1

In the park, there are 56 children. If there are 10 girls, then find the number of boys.

56 – 10 = 46 boys

T	O
5	6
– 1	0
4	6

REGROUPING TENS AS ONES

Colour the answer clouds as per the code given.

Ans.

5 tens 17 ones
= 6 tens 7 ones
= 67 ones

6 tens 14 ones
= 7 tens 4 ones
= 74 ones

6 tens 19 ones
= 7 tens 9 ones
= 79 ones

2 tens 14 ones
= 3 tens 4 ones
= 34 ones

8 tens 16 ones
= 9 tens 6 ones
= 96 ones

2 tens 14 ones
= 3 tens 4 ones
= 34 ones

Let us go faster!

Ans.

5 tens 16 ones
= 66 ones

4 tens 14 ones
= 54 ones

7 tens 15 ones
= 85 ones

8 tens 17 ones
= 97 ones

3 tens 16 ones
= 46 ones

6 tens 18 ones
= 78 ones

2 tens 12 ones
= 32 ones

8 tens 11 ones
= 91 ones

5 tens 15 ones
= 65 ones

ADDITION WITH REGROUPING

Add the short way :

Ans.

T	O
(1)	
4	6
+ 4	8
9	4

T	O
(1)	
8	5
+	6
9	1

T	O
(1)	
3	9
+ 5	8
9	7

T	O
(1)	
2	9
+ 3	5
6	4

T	O
(1)	
3	9
+ 5	5
9	4

T	O
(1)	
3	6
+ 5	9
9	5

T	O
(1)	
5	2
+ 2	8
8	0

T	O
(1)	
3	7
+ 4	9
8	6

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

Subtract by regrouping :

Ans.

T O	T O	T O	T O	T O	T O	T O
3 15	2 15	3 17	3 14	7 13	6 12	5 11
4̶ 5	3̶ 5	4̶ 7	4̶ 4	8̶ 3	7̶ 2	6̶ 1
+ 2 8	+ 8	+ 9	+ 2 8	+ 4 6	+ 2 5	+ 3 5
1 7	2 7	3 8	1 6	3 8	4 7	2 6

T O	T O	T O	T O	T O
7 12	5 14	3 11	6 13	7 17
8̶ 2	6̶ 4	4̶ 1	7̶ 3	8̶ 7
+ 4 9	+ 3 5	+ 2 3	+ 4 6	+ 2 9
3 3	2 9	1 8	2 7	5 8

Multiple Choice Questions :
Tick (✓) the correct choice :
Ans. 1. b.   2. c.   3. a.   4. a.

10 Measurement

Tick (✓) the one which contain more liquid :
Ans.

✓   ✓

Check and write the length/height of the following :

Ans. Your bed is _____ cubit long.

Height of the plant is _____ hand spans.

The blackboard in your classroom is _____ cubit long.

A wall of your classroom is _____ paces long.

Your pencil is _____ fingers long.

Fill in the blanks with the correct answer :
Ans. Length of the marker pen is **8** erasers.
Length of the toothbrush is **6** erasers.
Length of the toy train is **11** erasers.

WEIGHT

Tick (✓) the heavier animal.
Ans.

✓

Tick (✓) the lighter fruit.
Ans.

✓

Tick (✓) the box for the heavier pan :
Ans.

✓   ✓

Tick (✓) the box for the lighter pan :
Ans.

✓   ✓

Fill in the blanks :

Ans. The weight of the notebook is the same as **the weight** blocks.
The weight of the pencil box is the same as **weight of the** blocks.
So, the notebook is **heavier** (heavier, lighter) than the pencil box.
The weight of the water bottle is the same as **weight of** blocks.
The weight of the tiffin box is the same as **weight of the** blocks.
So, the tiffin box is **lighter** (heavier, lighter) than the water bottle.

11 Multiplication

Write the following as multiplication statements :
Ans.

2   +   2   +   2   +   2 $4 \times 2 = 8$

3   +   3   +   3   +   3   +   3 $5 \times 3 = 15$

4   +   4   +   4 $4 \times 3 = 12$

5   +   5   +   5   +   5 $5 \times 4 = 20$
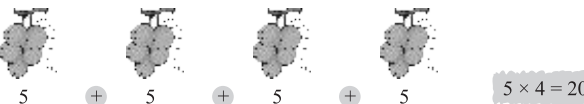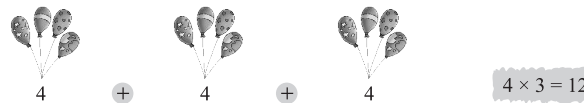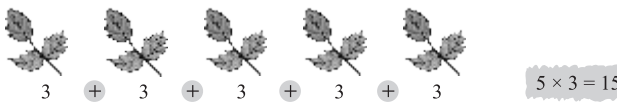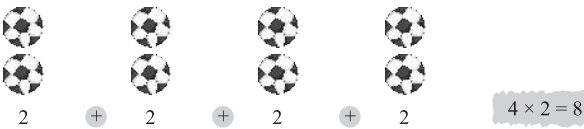
See the example and do the rest :

Ans. $6 + 6 + 6$ $\quad = \quad 3 \times 6 \quad = \quad 18 \qquad 7 + 7 + 7 + 7 \quad = \quad 7 \times 4 \quad = \quad 28$

$8 + 8 + 8 + 8 \quad = \quad 8 \times 4 \quad = \quad 32$

$5 + 5 + 5 + 5 + 5 \quad = \quad 5 \times 5 \quad = \quad 25$

$3 + 3 + 3 + 3 + 3 + 3 \quad = \quad 3 \times 6 \quad = \quad 18$

$10 + 10 + 10 + 10 \quad = \quad 10 \times 4 \quad = \quad 40$

MULTIPLICATION TABLES

Table of 1

Count and build the table of 1 :

Ans.

$1 \times 1 = 1$
$2 \times 1 = 2$
$3 \times 1 = 3$
$4 \times 1 = 4$
$5 \times 1 = 5$
$6 \times 1 = 6$
$7 \times 1 = 7$
$8 \times 1 = 8$
$9 \times 1 = 9$
$10 \times 1 = 10$

Table of 2

Count and build the table of 2 :
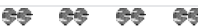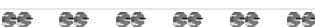
Ans.

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

Table of 3 and 4

Table of 3	Table of 4	Table of 5	Table of 10
$1 \times 3 = 3$	$1 \times 4 = 4$	$1 \times 5 = 5$	$1 \times 10 = 10$
$2 \times 3 = 6$	$2 \times 4 = 8$	$2 \times 5 = 10$	$2 \times 10 = 20$
$3 \times 3 = 9$	$3 \times 4 = 12$	$3 \times 5 = 15$	$3 \times 10 = 30$
$4 \times 3 = 12$	$4 \times 4 = 16$	$4 \times 5 = 20$	$4 \times 10 = 40$
$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$	$5 \times 10 = 50$
$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 10 = 60$
$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 10 = 70$
$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 10 = 80$
$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 10 = 90$
$10 \times 3 = 30$	$10 \times 4 = 40$	$10 \times 5 = 50$	$10 \times 10 = 100$

Ans. (Table of 3, Table of 4, Table of 5, Table of 10)

VERTICAL MULTIPLICATION

Find the product of the following :

Ans.

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

12 Division

Make sets to divide the following things. Circle each set :

Ans.

Divide 9 oranges by making sets of 3.

we make ⬚ sets or 9 ÷ 3 = 3

Divide 8 books by making sets of 2.

we make ⬚ sets or 8 ÷ 2 = 4

Divide 15 pencils by making sets of 3.

we make ⬚ sets or 15 ÷ 3 = 5

Divide 12 crayons by making sets of 3.

we make ⬚ sets or 12 ÷ 3 = 4

Divide 20 flowers by making sets of 4.

we make ⬚ sets or 20 ÷ 4 = 5

13 Money

ADDING WITH MONEY-SHOPPING

Look at the pictures and do shopping :

Ans. 1.

₹	P
10	00
+ 2	00
12	00

2.

₹	P
10	00
+ 2	00
12	00

Let's Do

Look at the given example and write how much Ansh's father will have to pay of they go on the following rides.

Ans.

 +   ₹ 20 + ₹ 15 = ₹ 35

 +   ₹ 25 + ₹ 30 = ₹ 45

14 Time

Ravi is off to school. Number the pictures in order in which he gets ready.

Ans.

 6

 5

 4

 3

 1

 2
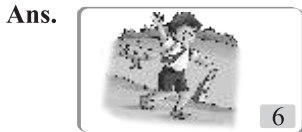
Fill in the blanks :

Ans.

Hour hand at 2;
minute hand at 12.
It is **2** o' clock.

Hour hand at 4;
minute hand at 12.
It is **4** o' clock.

Hour hand at 7;
minute hand at 12.
It is **7** o' clock.

Write the time shown by the clocks :

Ans.

 It is **8** o' clock.

 It is **11** o' clock.

 It is **6** o' clock.

Draw the hour hand to show the time :

Ans.

5 o' clock   1 o' clock   3 o' clock

Match the following activity with the correct time :
Ans.

I wake up at 6 o' clock in the morning.

I have my breakfast at 7 o' clock.

I play in the park at 5 o' clock.

I study at 4 o' clock in the afternoon.

MENTAL MATHS

Ans. Guess and write the time.
One hour after 2 : 00
Two hours before 1 : 00   ✓
Between 11 : 00 and 1 : 00

CALENDAR

Fill in the blanks :

Ans. Monday is the **first** day of the week.
Thursday is the **fourth** day of the week.
Friday is the fifth day of the week.
Saturday is the **sixth** day of the week.
Tuesday is the **second** day of the week.
Wednesday is the third day of the week.
Sunday is the seventh day of the week.

Fill in the blanks :

Ans. **February** is the second month of the year.
May comes after **April**.   **July** comes after July.
June is the sixth month of the year.   **March** comes before April.
August comes before September.   **October** comes before November.

November comes before **December**.
Which is the month now?
This is the month of **January**.
Multiple Choice Questions :
Tick (✓) the correct choice :
Ans. 1. c.   2. b.   3. b.

15 Shapes and Patterns

Count and write ;

Ans. Red   Green   Blue   Red   Orange   Pink

Match the different shapes :

Ans.

Square	
Rectangle	
Circle	
Triangle	
Oval	

Multiple Choice Questions :
Tick (✓) the correct choice :
Ans. 1. a.   2. c.

16 Data Handling

Look at this picture and answer the following questions :
Ans. 1. Two   2. Four   3. Two   4. Three
How many are there in your classroom?
Colour one box for each one you find. Work in groups.

Ans.   windows 1   doors 2

fans 5   blackboards 2

lights 4

Number	Number Name
2	Two
10	Ten
2	Two
5	Five
4	Four

Answer the following questions :

Ans. How many
How many
How many
How many
How many

LET'S GO

How many of each kind of fruits do you see?

Ans.

Fruits						
Number	7	6	2	5	4	5

Model Test Paper-1

A. **Tick (✓) the longer object :**

Ans. ✓

✓

B. **Tick (✓) the heavier object :**

Ans.

✓

✓

C. **Colour the third candle green, second blue, fourth red and first yellow.**

Ans.

D. **How long are these?**

Ans.

about **6** erasers

E. **Match the following :**

Ans.

7   Zero   4

One

3   Seven   0

Four

1   Three   2

Two
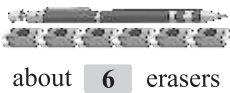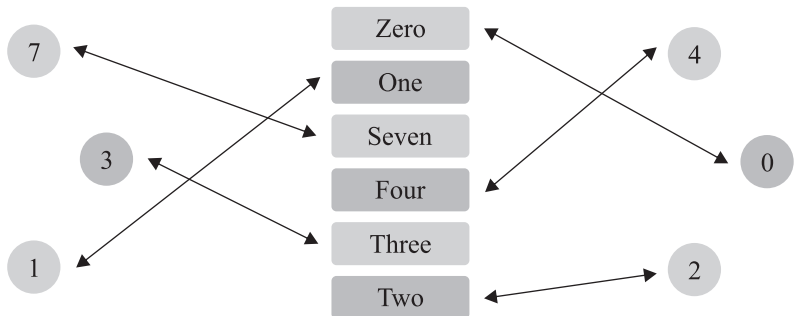
F. **Fill in the boxes by writing the number that :**

Ans. come before   come in between   come after

| 3 | 2 | | 3 | 4 | 5 | | 8 | 9 |

A. **Circle the biggest number and cross (✗) out the smallest number :** 3

Ans. ~~52~~ (58) 53   (62) 26 ~~16~~   (71) 17 ~~10~~

B. **Complete the following :** 2

Ans. 1. $5 + 5 + 5 + 5$ =   **20**   2. $9 + 9 + 9$ =   **27**

C. **Divide 16 apples by making sets of 4.** 3

Ans. we make **4** sets or $16 \div 4 = $ **4**

D. **Match the following :** 5

Ans.

2 tens 6 ones	89
sixty–two	8
eighty–nine	26
40 + 7	62
25 – 17	47

E. **Write the time :** 3

Ans.

2 : 00   8 : 00   6 : 00

F. **Count the money and write in the box :** 4

Ans.

+   = ₹ 4   +   = ₹ 15

+   = ₹ 20   +   = ₹ 60