Let's do friendship with Mathematics

Workbook

Standard : Two

Under 'Samagra Shiksha'

State Council of Educational Research and Training, Maharashtra, Pune.

Let's do friendship with Mathematics : Workbook : Standard-Two

Let's do friendship with Mathematics

Workbook

Standard : Two

Under **'Samgra Shiksha'**

Name : _____

School : _____

Standard : _____ Division : _____

State Council of Educational Research and Training,
Maharashtra, Pune.

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1. Geometric Shapes

❖ **Tick (✓) on the things similar in shape with the given shape on left side.**

▭				
△				
□				
○				
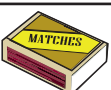
❖ **Write the correct word/number in the given blanks.**

□	I am a .... I have .... sides and .... corners.
▭	I am a .... I have .... sides and .... corners.
△	I am a .... I have .... sides and .... corners.
○	I am a .... I have .... curved edge but no straight edge. I have .... corners.

❖ **Take the given objects and keep it on the blank paper. Trace the edges of the given objects with pencil. Observe the figure and complete the table as shown.**

Objects	Figure after tracing	Name of the figure
		Circle
		....
		....
		....
		....

❖ **Complete the following table.**

Object	Shape	Edges	Corners
	....		
	Cuboid or Paralleleopiped	12	8
	....		
	....		
	....		

❖ **Which of the given objects will slide or roll? Tick (✓) in the appropriate box.**

Object	Slide	Roll
(bottle)	✓	✓
(box)		
(ball)		

Object	Slide	Roll
(dice)		
(tyre)		
(eraser)		

❖ **Count and write the number of rectangles, squares, triangles, circles and colour the picture.**
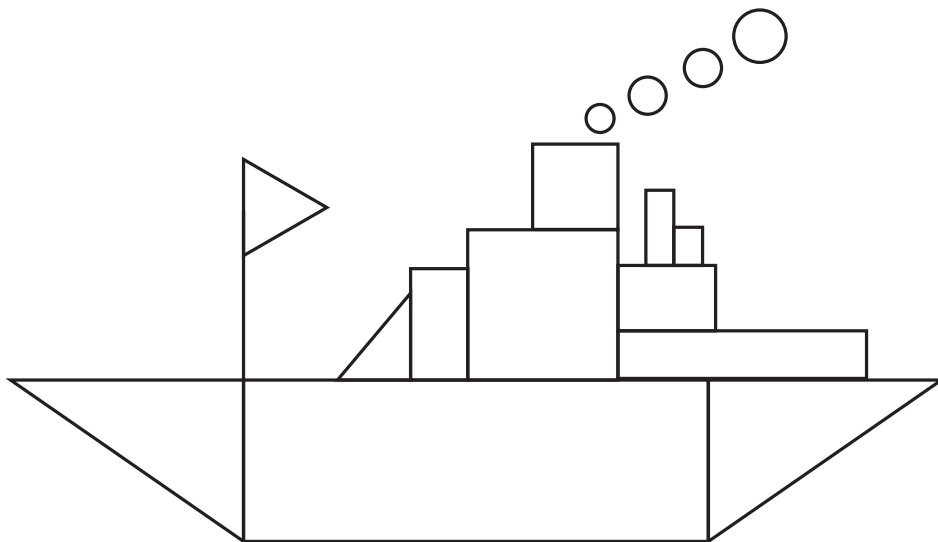
Rectangles		Squares		Triangles		Circles	

❖ **Incomplete figures are given. Complete it to make rectangles, squares and triangles by drawing lines as required. Count and write the total number of each in the appropriate shape given below it.**
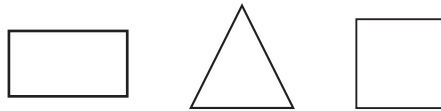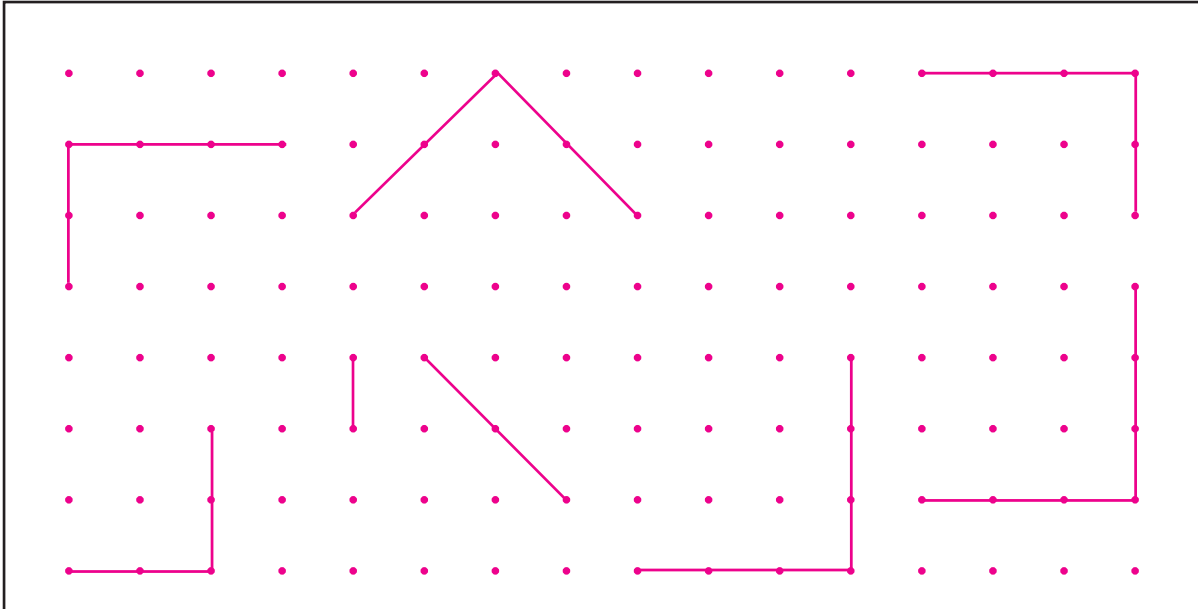
❖ **Count and write the number of slanting, horizontal, vertical and curved lines used to draw the picture below.**
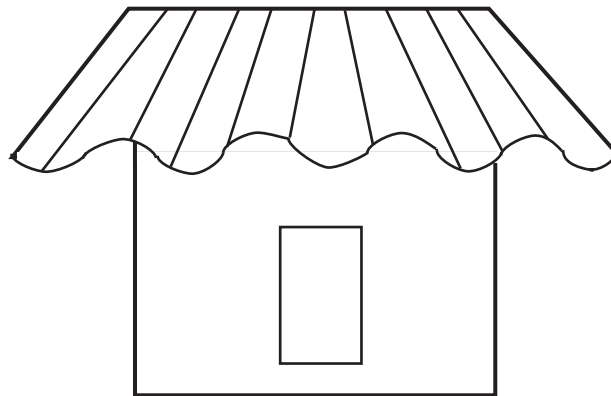
Slanting lines = ☐   Horizontal (Sleeping) lines = ☐

Vertical (Standing) lines = ☐   Curved lines   = ☐

2. Fun with Numbers

❖ **Observe the number-trains below and write the missing numbers serially.**

| 61 | | | 64 | | | | | | 70 |

| 81 | 82 | | | | | | | | 90 |

| 73 | | | | | | | 80 |

❖ **Write the missing numbers serially, so the bunny can eat carrots.**

49

40
41

57

72

❖ **Colour the boxes of numbers as per the information given in the table.**

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

Numbers	colour
1 to 5	
26 to 30	
42 to 46	
67 to 73	
84 to 87	
97 to 100	

❖ **Observe the picture. Identify and write the number (in figures).**

Pictorial representation		Number (In figures)

❖ **Identify the number and write in words.**

24 | Twenty four	**19** |	**34** |
25 |	**14** |	**39** |
11 |	**16** |	**43** |
18 |	**22** |	**49** |

❖ **Read and write in figures.**

Ten | 10	**Thirty two** |	**Forty seven** |
Twenty six |	**Twenty three** |	**Thirty six** |
Seventeen |	**Eighteen** |	**Thirty one** |
Twenty two |	**Thirty five** |	**Forty four** |

कल्या मेत्री गणिताशी – कार्यपुस्तिका : गणित
इयत्ता दुसरी (इंग्रजी माध्यम)
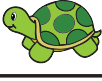
3. Let's play with Numbers

❖ **Numbers are written serially. Some of them are hiding behind the animals. Identify that number and write in the box below that animal.**

1	2	3	4	🐱	6	7	8	9	10
11	12	13	14	15	16	17	18	🐵	20
🦉	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	🦌
41	42	43	44	🐘	46	47	48	49	50
51	52	53	54	55	56	57	🐪	59	60
61	🦒	63	64	65	66	67	68	🐢	70
71	72	73	74	75	🐙	77	78	79	80
81	82	83	84	85	86	87	88	🐿️	90
91	92	🦁	94	95	96	97	98	99	🐟

🐱	🐵	🦉	🐪	🐟	🦌
5					

🦁	🐘	🐙	🐿️	🦒	🐢

❖ **Help Rahul to reach from his house to his school by joining the numbers serially from 41 to 99.**

54	53	52	47	46	41
55	56	51	48	45	42
58	57	50	49	44	43
59	60	61	64	65	66
80	79	62	63	68	67
81	78	75	74	69	70
82	77	76	73	72	71
83	84	91	92	93	94
86	85	90	97	96	95
87	88	89	98	99	
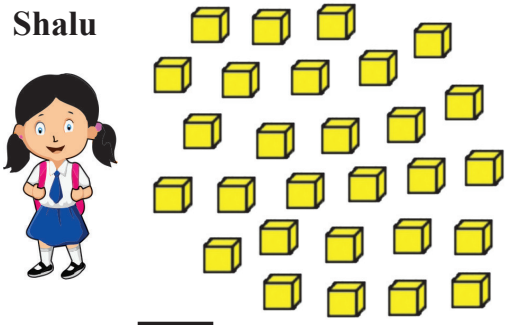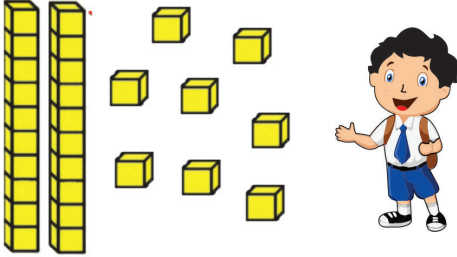
❖ **Observe the solved puzzle and solve the remaining puzzles.**

```
        17
25 26 27 28 29
        37
        47
        57
```

```
        50

68    70       73

        46        52          55
        
64    66       69      75      77
        77
```
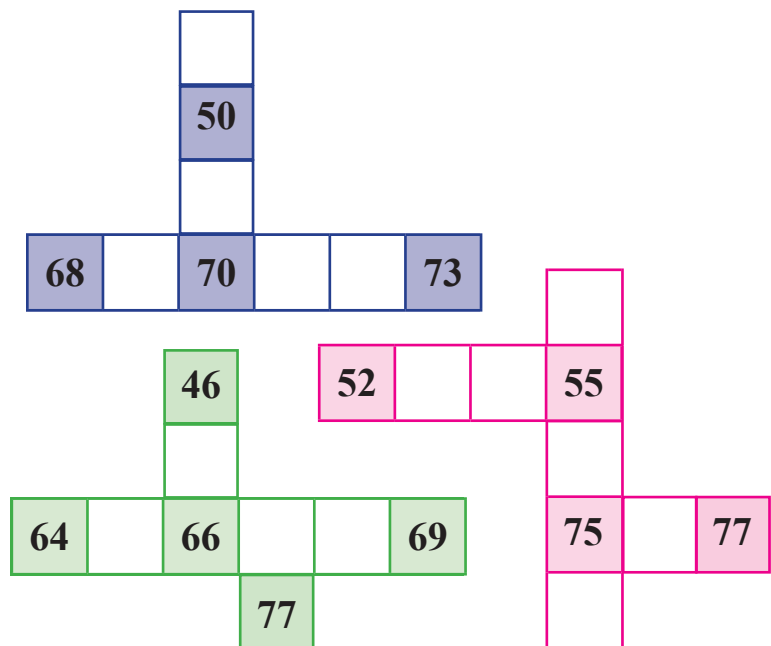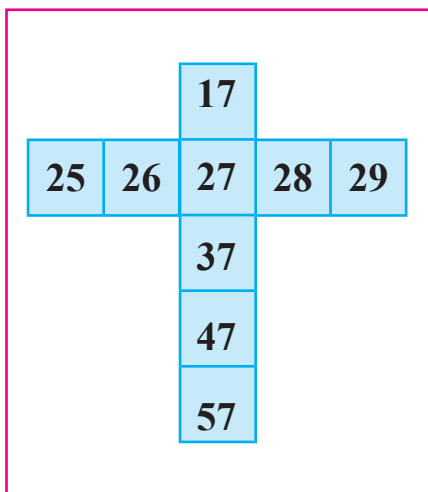
4. Let's count in groups

❖ **Shalu and Rahim was asked to take out 28 blocks from a bag containing sticks of tens and loose blocks. Both of them took out 28 blocks as follows.**

Shalu

[ ] units

Rahim

28 = 2 tens + [ ] units

Whose counting is easier and faster ? Encircle that name.

❖ **Help Mary to count pencils.**
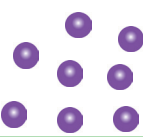
How many pencils are there in each box ? [ ]

What is the total of all pencils from all the boxes ? [ ]
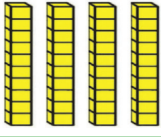
How many more such boxes are required to get total 100 pencils ? [ ]

5. Let's Identify the Numbers from the pictures.
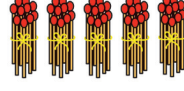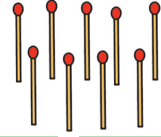
❖ **Count and write.**

Tens	Units
3	8
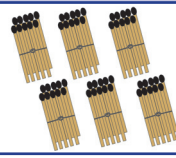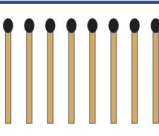
(38)

Tens	Units

( )

Tens	Units

( )

Tens	Units

( )

Tens	Units

( )

Tens	Units

( )

❖ **Represent the number by drawing pictures. (Use blocks of tens and loose blocks or sticks of tens and loose sticks or strings of tens and beads.)**

(19)

Tens	Units

(27)

Tens	Units

(30)

Tens	Units

(35)
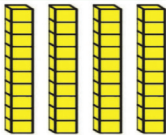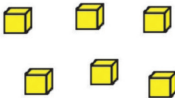
Tens	Units

(44)
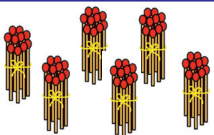
Tens	Units
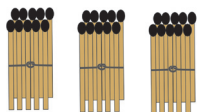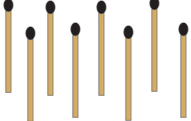
6. Let's Find Place Value

❖ **Identify the number and write the place value of each digit.**

Tens	Units
4	6

Place Value ⟶ (40) (6)

Tens	Units

( ) ( )

Tens	Units

Place Value ⟶ ( ) ( )

Tens	Units

( ) ( )

❖ **Complete the table.**

Number	Tens	Units	Place Value of 5
51	5	1	50
45		5	5
25	2		
50			

❖ **Write the place value of underlined digit.**

Number	Place Value	Number	Place Value	Number	Place Value
3<u>6</u>	6	<u>7</u>0	0	<u>8</u>3	80
2<u>0</u>		8<u>9</u>		6<u>6</u>	
4<u>7</u>		<u>5</u>2		<u>9</u>7	

❖ ⭕ the number having 4 in units place and ☐ the number having 4 in tens place.

43	14	40	49	34	94	41	26	74
46	45	24	54	84	64	57	47	48

❖ **Write the place value of each digit and write the number in expanded form.**

39
30   9
39 = 30 + 9

56
50   ☐
56 = ☐ + ☐

23
☐   3
23 = ☐ + ☐

80
80   ☐
80 = ☐ + ☐

❖ **Observe the different representation of a same number and fill in the boxes.**

Tens Place	Units Place

Tens	Units
	34

34

Tens Place	Units Place

Tens	Units

Tens Place	Units Place

Tens	Units

Tens Place	Units Place

Tens	Units

7. Let's count in steps

❖ **Observe on which numbers frog jumps. Encircle those numbers.**
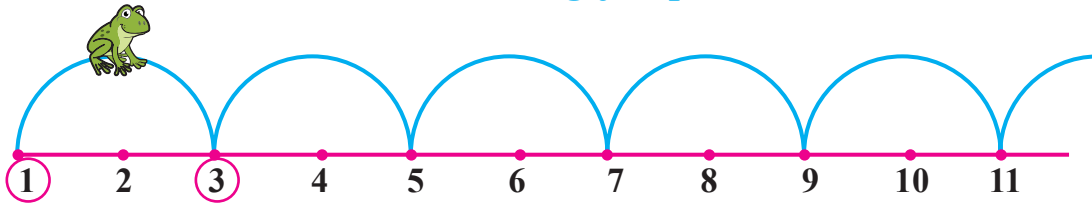
Write the numbers on which frog jumps.

1, 3, ☐, ☐, ☐, ☐

❖ **See on which numbers rabbit jumps. Complete the jumps by drawing dotted line as shown.**
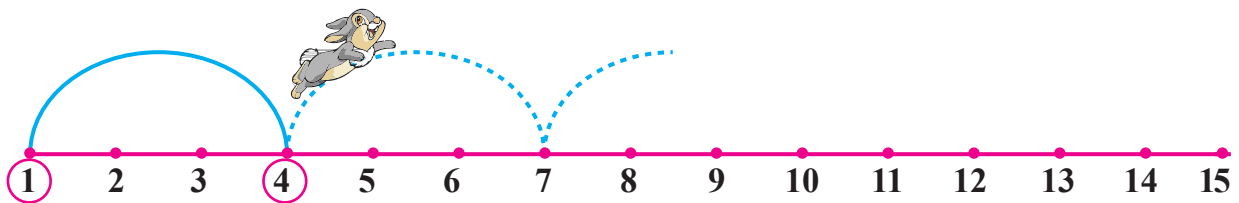
Encircle and write the numbers on which rabbit jumps.

1, 4, ☐, ☐, ☐

❖ **See and write the numbers on which kangaroo jumps.**

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

5 ◯ ◯ ◯ ◯
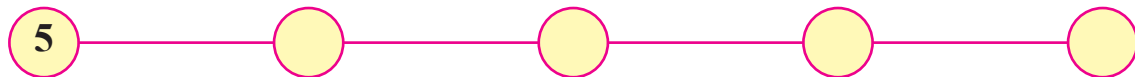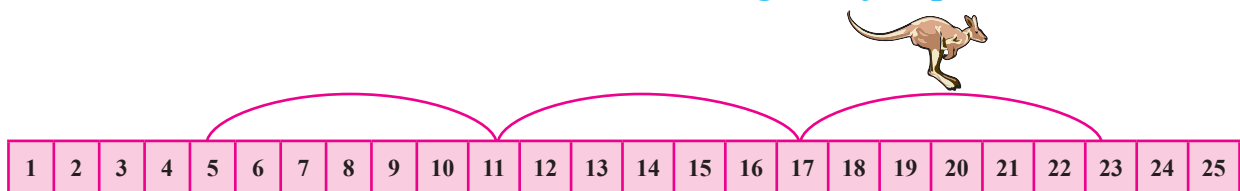
❖ **Write the missing numbers in steps of 2.**

2 — 4 — ◯ — ◯ — ◯

❖ **Write the missing numbers in steps of 3.**

◯ — 6 — 9 — 12 — ◯

❖ **Start from any number in the first row and** ⃝ **the numbers by counting in steps of 8.**
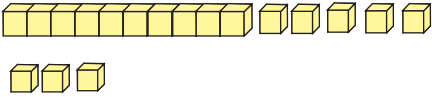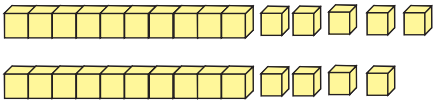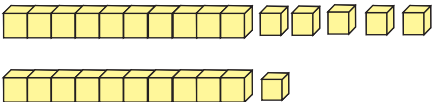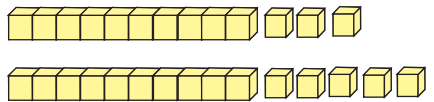
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

❖ **Complete the picture by counting in steps of 2 and then colour it.**

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8. Let's add

❖ **Add.**

15 + 3 ___ [ ]		15 + 14 ___ [ ]
15 + 11 ___ [ ]		13 + 15 ___ [ ]

T	U
2	3
+ 3	6

T	U
7	3
+ 1	5

T	U
9	8
+	1

T	U
3	3
+ 5	4

T	U
1	0
+ 8	2

T	U
4	8
+ 5	0

T	U
1	9
+ 8	0

T	U
4	8
+ 5	1

1) Mother made 33 Rawa (Semolina) laddus and 43 Besan laddus. What is the total number of laddus she made ?

T	U	
3	3	Rawa laddus
+ 4	3	Besan laddus
7	6	Total laddus

2) In Rama's farm there are 25 guava trees and 13 chikoo trees. Find the total number of trees in her farm.

T	U	
		Guava trees
+		Chikoo trees
		Total trees

3) Sana has 50 red beads. Sakina gave her 45 blue beads. In all how many beads she has now ?

T	U	
		Red beads with Sana
+		Blue beads Sakina gave
		Total beads with Sana

4) Abhay scored 45 runs and Shahid scored 53 runs. Find the total runs made by both.

T	U	
		runs by Abhay
+		runs by Shahid
		Total runs of both

5) In a school there are 34 story-books and 23 poetry-books in a reading bag of a class. What is the total number of books ?
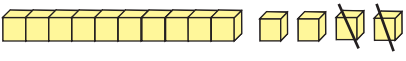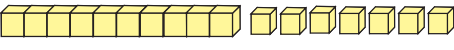
T	U	
		Story-books
+		Poetry-books
		Total books

6) Dhiraj have some amount. He spent 13 rupees from it and have 26 rupees balance. What was the total amount he had ?

T	U	
		Rs. spent by Dhiraj
+		Rs. balance
		Rs. Total amount Dhiraj had.

9. Let's Subtract

❖ **Subtract.**

| 14
 − 2
 12 | 17
 − 5
 |
| 18
 −11
 | 12
 − 10
 |

T	U
8	9
− 4	4

T	U
6	2
− 6	0

T	U
2	8
− 2	7

T	U
1	8
−	8

T	U
3	1
− 1	1

T	U
1	3
− 1	2

T	U
8	3
− 7	2

T	U
9	0
− 2	0

1) Maria had 18 seeds. She had given 7 seeds to John. How many seeds left with her ?

T	U	
1	8	seeds with Maria
−	7	seeds given to John
1	1	seeds Left.

2) There are 65 students in a school, out of them 34 are girls. Find the number of boys.

T	U	
		students in school
−		No. of girls
		No. of boys

3) There are 86 spectators watching match on the ground. Out of them 36 went for lunch. How many remaining ?

T	U	
		spectators on ground
−		spectators went for lunch
		spectators remained

4) Vir has 45 apples. Manjit has 15 guavas. How many more apples are there than guavas ?

T	U	
		Apples with Vir
−		Guavas with Manjit
		Apples are more

5) Saurabh scored 76 runs. Virat scored 99 runs. How many more runs scored by Virat than Saurabh ?

T	U	
		Runs by Virat
−		Runs by Saurabh
		More runs by Virat

6) Ramrao has 21 saplings of Jasmine in his garden. He planted some more saplings of Marigold to make the total of 33 saplings. How many saplings of Marigold he planted ?

T	U	
		Total saplings
−		Jasmine saplings
		Marigold saplings

❖ **Encircle the correct answer.**

23 + 6 ⟶ (28, (29), 39)		16 − 3 ⟶ (14, 13, 19)
42 + 2 ⟶ (40, 42, 44)		19 − 8 ⟶ (17, 11, 10)
3 + 52 ⟶ (54, 55, 56)		24 − 4 ⟶ (28, 20, 23)
90 + 9 ⟶ (98, 99, 100)		48 − 3 ⟶ (45, 18, 51)

❖ **Write the correct number in the box.**

11 + 9 = [20]	15 + [ ] = 20	19 + [ ] = 20
12 + 8 = [ ]	[ ] + 4 = 20	[ ] + 0 = 20
13 + 7 = [ ]	[ ] + 3 = 20	[ ] + [ ] = 20
14 + 6 = [ ]	18 + [ ] = 20	[ ] + [ ] = 20

❖ **Observe and write the correct number in the box for the given operation.**

11 − [ ]
4 + 5 → **9** ← 10 − [ ]
9 + [ ]

14 + 3
5 + [ ]
10 + [ ]
9 + [ ] → **17** ← ..... − .....
..... + ...
0 + [ ]
18 − 1
20 − [ ]

❖ **Observe the chart and add.**

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

14 + 10 = 24

17 + 20 = ____

6 + 30 = ____

10 + 30 = ____

22 + 40 = ____

54 + 20 = ____

10 + 60 = ____

86 + 10 = ____

44 + 40 = ____

❖ **Observe and complete the table.**

+	10	11	12
1 →	11	12	13
2	12	13	14
3	13	14	15

+	7	2	5
20	27		
30			35
40	→	42	

+	8	18	28
50	58		
60		78	
70			98

❖ **Observe the chart and subtract.**

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

15 – 10 = 5

27 – 20 = _____

48 – 30 = _____

55 – 40 = _____

64 – 50 = _____

77 – 60 = _____

89 – 70 = _____

98 – 80 = _____

99 – 90 = _____

❖ **Check the sums and correct it, if wrong.**

5 + 15 = 21 ....

40 + 8 = 48 ....

18 – 7 = 12 ....

24 – 3 = 22 ....

87 + 1 = 89 ....

❖ **Solve the puzzle.**

	15	25
17		34
27	32	

9		17
	10	27
26	18	

19		16
	2	0
17		

❖ **Observe and complete the table.**

—	90	80	70	60	50	40	30	20	10
10→	80							10	0
20	70	60						0	
30			40				0		
40				20		0			
50					0				
60				0					
70			0						
80		0							
90	0								

❖ **Help the mountaineer to reach the base camp.**

The Peak

$\begin{array}{r} 90 \\ ^-10 \\ \hline = \end{array}$

$\begin{array}{r} ^-20 \\ \hline = \end{array}$

$\begin{array}{r} ^-30 \\ \hline = \end{array}$

$\begin{array}{r} ^-10 \\ \hline = \end{array}$

$\begin{array}{r} ^-20 \\ \hline = \end{array}$

Base camp
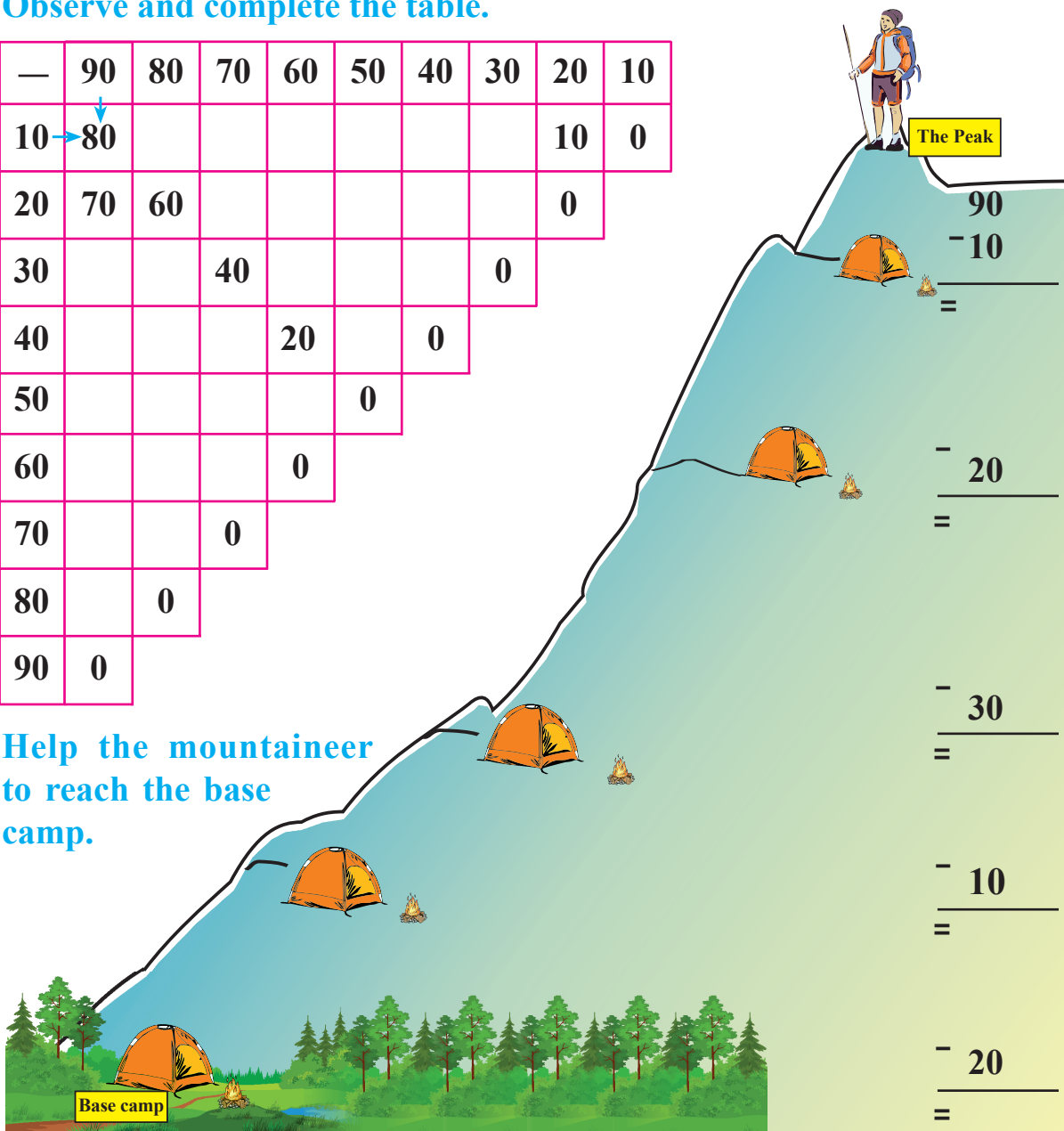
10. Months and days of the year

Months of the English Calendar Year

❖ **Observe and complete the cycle and answer the questions.**
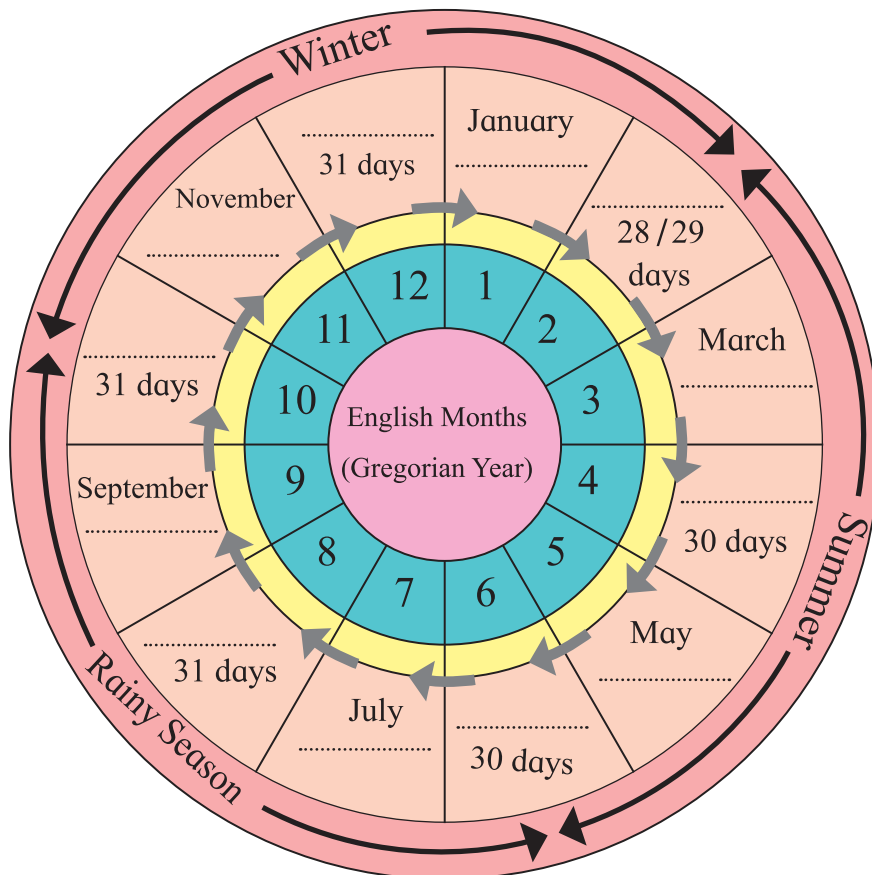
1) First month of the year : ....

2) Month comes after June : ....

3) Month between March and May : ....

4) Month comes before October : ....

5) Last month of the year : ....

6) Month having least number of days : ....

Total number of months having 30 days.

☐

Months having 31 days (Write the number)

☐

❖ **Observe the figure and identify the season.**

....

Months of the Indian Calendar year

❖ **Complete the cycle.**
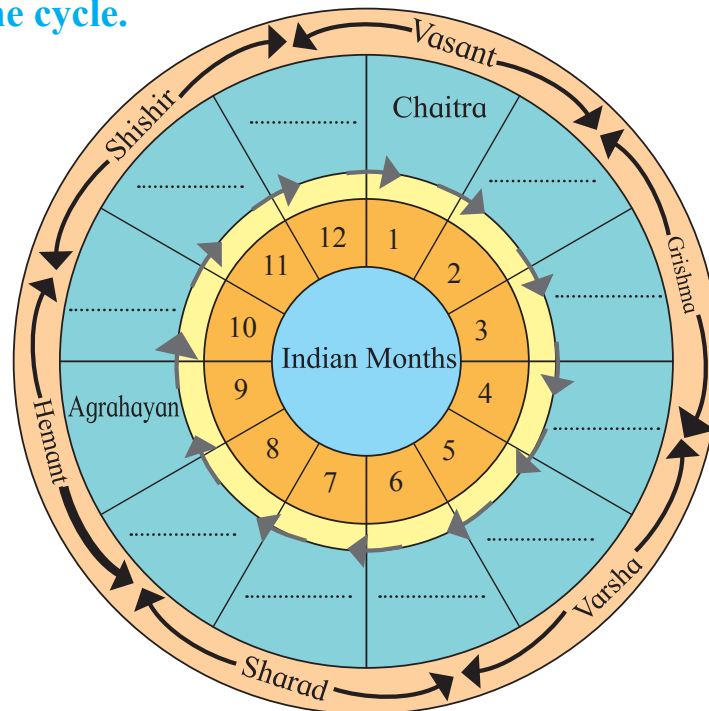
❖ **Write the correct month.**

1) 4th month of Indian calendar ....

2) Month coming after Ashwin ....

3) Month before Jyeshtha ....

4) Name the months of season 'Shishir' ....

11. Calendar

❖ **Observe the calendar and answer the questions.**

January 2021					
Sunday	31	3	10	17	24
Monday		4	11	18	25
Tuesday		5	12	19	Republic Day 26
Wednesday		6	13	20	27
Thursday		7	Geography Day 14	21	28
Friday	1	8	15	22	29
Saturday	2	9	16	23	30

1) Total number of days in January : ....

2) Date of Republic day : ....

3) Date of Geography day : ....

4) Dates of Sundays. : ......, ... , ... , ... , ...

5) Day on 12th January is : ....

6) Name the days occuring 5 times in the month : ...., ..., ...

12. Let's decide Smaller or Bigger

❖ **See, how to find smaller or bigger number.**

86, 27 (When Tens place is different)

Tens	Units
8	6

Tens	Units
2	7

compare tens first

8 tens $>$ **2** tens

86 $>$ **27**

If tens place is different, then compare tens place of two numbers and then decide smaller or bigger.

24, 29 (When Tens place is same)

Tens	Units
2	4

Tens	Units
2	9

compare tens first 2 = 2

then compare units **4** $<$ **9**

24 $<$ **29**

If tens place is same, then compare units place of two numbers and then decide smaller or bigger.

❖ **Use $<$, $=$, $>$ sign to show smaller or bigger number.**

45, 56

Tens	Units
4	5

Tens	Units
5	6

compare tens

4 tens ☐ **5** tens

45 ☐ **56**

89, 81

Tens	Units
8	9

Tens	Units
8	1

compare tens **8** ☐ **8**

then compare units **9** ☐ **1**

89 ☐ **81**

94, 49		64, 69	

Tens	Units		Tens	Units
9	4		4	9

compare tens

9 ☐ 4

94 ☐ 49

Tens	Units		Tens	Units
6	4		6	9

compare tens 6 ☐ 6

compare units 4 ☐ 9

64 ☐ 69

❖ **Encircle the smaller number.**

9,   6   12,   20   71,   70   88,   85

❖ **Encircle the bigger number.**

8,   18   18,   81   65,   50   96,   92

❖ **Use < , = , > to decide smaller - bigger numbers.**

35 ☐ 24   91 ☐ 91   82 ☐ 48

31 ☐ 29   45 ☐ 54   66 ☐ 76

❖ **Observe the signs and write any two digit numbers in the boxes.**

25 > 20   ☐ < ☐   ☐ > ☐

☐ = ☐   ☐ > ☐   ☐ > ☐

❖ **Encircle the smallest number.**

| 67, 18, 98 | 89, 88, 98 | 7, 18, 17 |

❖ **Encircle the greatest number.**

| 57, 28, 28 | 66, 68, 78 | 63, 88, 77 |

❖ **Observe the numbers on the line.**

```
←———•———•———•———•———•———•———•———•———•———•———→
    31   32   33   34   35   36   37   38   39   40
```

| 34 | ← | 35 | → | 36 |

just before   just after
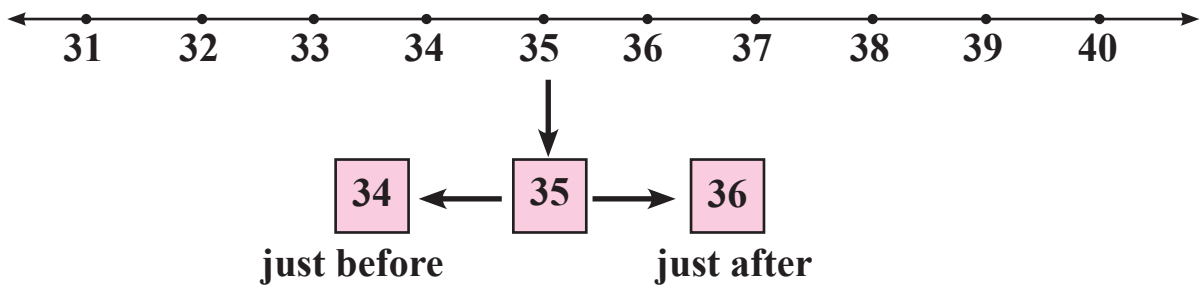
❖ **Write the number 'just before' the given number.**

| (30) 31 | ◯ 78 | ◯ 40 | ◯ 69 |
| ◯ 45 | ◯ 30 | ◯ 79 | ◯ 91 |

❖ **Write the number 'just after' the given number.**

| 49 (50) | 72 ◯ | 65 ◯ | 89 ◯ |
| 55 ◯ | 59 ◯ | 28 ◯ | 84 ◯ |

❖ **Write the number, just before and just after the given number.**

(22)	23	(24)
( )	70	( )
( )	29	( )

( )	99	( )
( )	31	( )
( )	87	( )

❖ **Complete the following table.**

Numbers	Smallest number	Greatest number	Ascending order	Descending order
77, 55, 66	55	77	55 < 66 < 77	77 > 66 > 55
25, 45, 94				
24, 87, 56				
68, 65, 66				
99, 45, 54				

❖ **Observe the number wheel and write the answer in the box.**

43 23
17 98
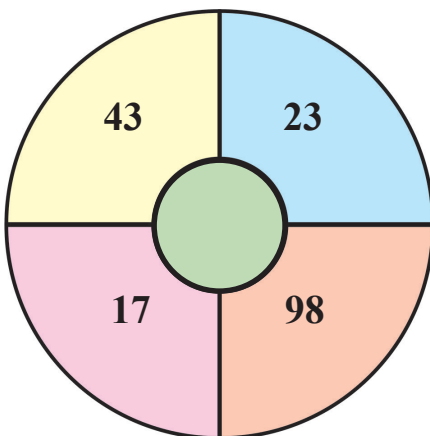
Smallest number = _____

Greatest number = _____

Ascending order = _____

Descending order = _____

❖ **Take any two numbers from the number wheel and make two digit numbers.**

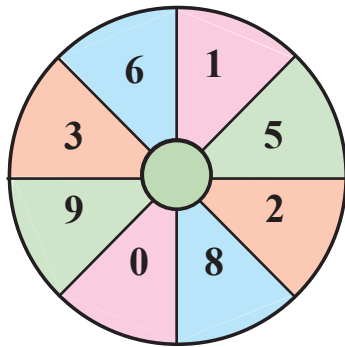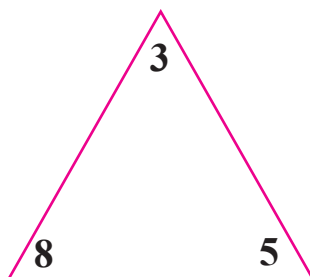Digits ⟶ | 5 | , | 1 |

Numbers ⟶ | 15 | , | 51 |

Digits ⟶	1 |,	2 | Numbers ⟶ [ ], [ ]	Digits ⟶ [ ], [ ] Numbers ⟶ [ ], [ ]
Digits ⟶ [ ], [ ] Numbers ⟶ [ ], [ ]	Digits ⟶ [ ], [ ] Numbers ⟶ [ ], [ ]
Digits ⟶ [ ], [ ] Numbers ⟶ [ ], [ ]	Digits ⟶ [ ], [ ] Numbers ⟶ [ ], [ ]

❖ **Select any two digits given in a triangle. Make two digit number (Use each digit once) Write bigger and smaller as shown below.**

| Digits	Two digit number so formed	Smaller number	Bigger number
3, 8	38, 83	38	83

13. Ordinal Numbers

❖ **Look at the picture and write the answers.**

1) How many children are sitting in the train ?   **6**   (**6** is a Cardinal number.)

2) In which coach Shakil is sitting ?   **Sixth**   (**sixth** is an Ordinal number.)

3) What is the number of Rashmi's coach ?   ....

4) In which coach Sania is sitting.   ....

5) What is the number of coach before Soham's coach?   ....

6) What is the coach number of Suresh ?   ....

❖ **Do as directed.**
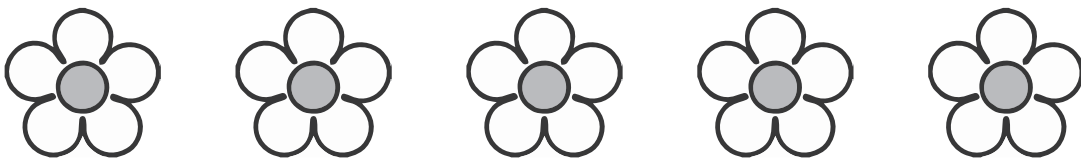
1) Give red colour to the third flower from left.

2) Give yellow colour to the second flower from right.

3) Give pink colour to first flower from the left.

4) Give blue colour to fourth flower from the right.

5) Give green colour to fifth flower from the left.

14. Fun with Pictures

❖ **Observe the picture carefully and write the answers of the questions.**

Count the caps and write.

1) Number of monkeys on the tree.

2) Number of monkeys under the tree.

3) Number of caps in the basket.

4) Total number of monkeys.

5) Total number of caps.

15. Addition : by carrying over

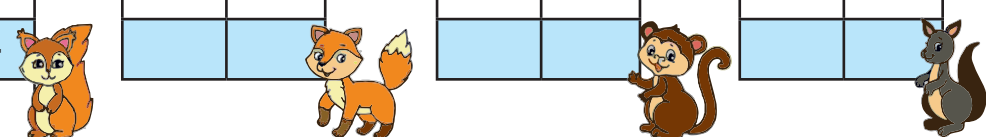❖ **Carry out the following additions. First example is solved for you.**

	T	U
Number carried over	①	
	2	8
+	1	6
	4	①4

	T	U
	5	7
+	1	8

	T	U
	6	5
+	2	6

	T	U
	8	9
+		9

	T	U
	7	7
+	1	5

	T	U
	6	1
+	2	9

	T	U
	5	4
+	2	7
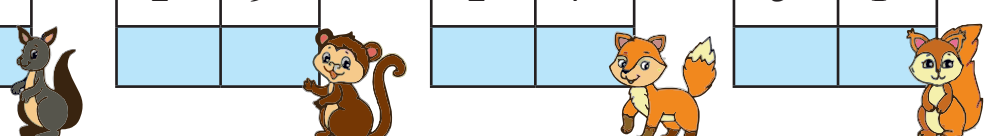
	T	U
	4	9
+	3	1

---

1) Mary had 19 biscuits. Her brother gave 24 biscuits, How many total biscuits she have ?

	T	U	
Number carried over	1		
	1	9	biscuits with Mary
+	2	4	biscuits brother gave
	4	3	Total biscuits

2) Manish has 75 rupees. Mother gave him 18 rupees. Now what is the total amount with Manish ?

	T	U	
+			Rs. Manish have
			Rs. Mother gave
			Rs. is the Total amount with Manish

3) There are 35 cows and 25 buffaloes in the shed. Altogether how many cattles are there ?

T	U	
+		cows
		buffaloes
		Total cattles

4) In a primary school, there are 42 boys and 39 girls. Find the total number of students.

T	U	
+		boys
		girls
		Total students

5) Shabana has 54 Jasmine and 27 Aboli flowers. What is the number of total flowers she has ?

T	U	
+		Jasmine flowers
		Aboli flowers
		Total flowers

6) Ahmad has 36 beads and he purchased 58 beads. How many beads he has in all ?

T	U	
+		beads with Ahmad
		beads purchased
		Total beads

7) Balvir bought fruits for 55 rupees and flowers for 38 rupees. What is the total amount he spent?

T	U	
+		Rs. for fruits
		Rs. for flowers
		Rs. Total purchase

8) Manu read 28 pages of a book yesterday and read 37 pages today. How many pages she read in two days?

T	U	
+		Pages read yesterday
		Pages read today
		Total pages read

16. Subtraction : by borrowing

❖ **Subtract by borrowing. First example is solved for you.**

T	U
2	11
~~3~~	~~1~~
− 1	8
1	3

T	U
− 5	0
2	9

T	U
− 7	4
3	8
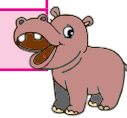
T	U
− 8	0
7	8
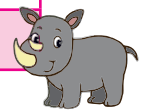
T	U
− 9	2
4	6

T	U
− 8	4
2	6

T	U
− 6	3
3	8

T	U
3	6
−	8

1) There are 56 passengers in the bus. Out of these, 28 passengers get down at the next stop. How many passengers are left in the bus ?

T	U	
4	16	
~~5~~	~~6~~	passengers in the bus
− 2	8	passengers get off
2	8	passengers left in bus

2) Out of 92 pages of a book, Samira read some pages. Yet she has to read 27 pages to complete the book. Find how many pages did Samira read ?

T	U	
		Total pages
−		pages yet to read
		pages Samira read

3) Manali had 61 jumps and Sana had 45 jumps using skipping ropes. Find how many more jumps Manali had than Sana ?

	T	U	
−			jumps by Manali
			jumps by Sana
			jumps more by Manali

4) Age of Shama is 12 years. Age of her mother is 40 years then find the difference between their ages.

	T	U	
−			years age of mother
			years age of Shama
			years of age difference

5) Gaurav's mother made 68 Tilwadi. She distributed 59 Tilwadi to her friends on the occasion of 'Sankrant' How many Tilwadi remained ?

	T	U	
−			Tilwadi made
			Tilwadi distributed
			Tilwadi remained

6) 72 piegeons came in the farm, out of which 48 piegeons fly off. How many piegeons are left in the farm ?

	T	U	
−			piegeons came
			piegeons fly off
			piegeons remained

7) Komal has Rs. 97. She spent Rs. 78 for snacks. What is the balance amount with her ?

	T	U	
−			Rs. Komal have
			Rs. Komal spent
			Rs. balance with Komal

8) Raghav's mother made 82 Udid papad and 56 Potato papad. How many more Udid papad she made ?

	T	U	
−			Udid papad
			Potato papad
			More Udid papad

❖ **Solve the sums printed on the picture of a joker. Colour the picture as per the answer using the colour key.**

$$98 - 34$$

$$45 + 19$$

$$61 - 8$$

$$25 + 28$$

$$70 - 17$$

$$87 - 23$$

$$36 + 11$$

$$52 + 38$$

$$91 - 38 =$$

$$42 + 22 =$$

$$88 - 41 =$$

$$64 + 26$$

$$96 - 49$$

$$29 + 24$$

$$85 - 32$$

$$68 + 22$$

$$70 - 23$$

$$82 - 18$$

$$43 + 10$$

$$27 + 63$$

$$95 - 5$$

Colour-key :

Answer	Colour
53	🟥
64	🟦
47	🟪
90	🟩
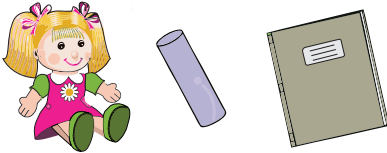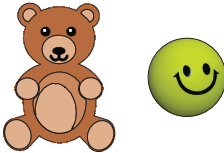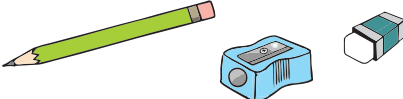
17. Currency Notes and Coins

❖ **Use the given notes and coins to get the total amount. One is done for you.**

Amount	₹50	₹20	₹10	5	2	1
₹ 63	0	2	1	2	1	1
₹ 78						
₹ 90						
₹ 96						
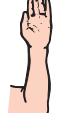
❖ **Pay the shopkeeper as per the things purchased.**

₹ 70   ₹ 50   ₹ 1   ₹ 10   ₹ 5

₹ 10   ₹ 2   ₹ 30   ₹ 40   ₹ 3
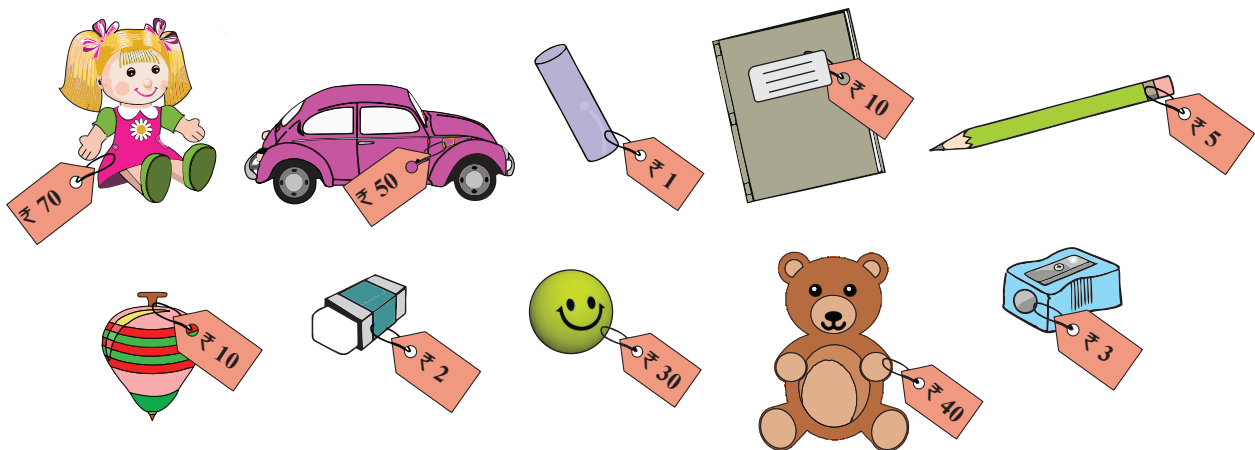
Things purchased	Total amount in Rs.	Things purchased	Total amount in Rs.

18. Let's measure Length

❖ **Measure the length with the given unit.**

Things	(Handspan)	(Arm)	(Pencil)
Length of black-board			
Height of table			
Breadth of door			
Length of floor tiles			
Length of window			

❖ **Whose handspans are more in numbers, if the length of the table is measured by your teacher and your classmate. Encircle it.**

Teacher   Student

❖ **Measure the lower width of a door with span, feet and arm. Write the width in the given boxes.**
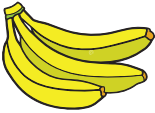
☐ feet   ☐ handspans   ☐ arms
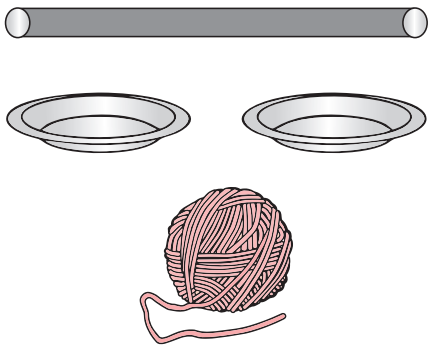
(**Even if the door width is same. Why above measures differ ?**)
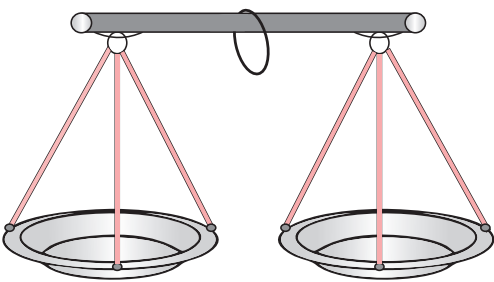
19. Let's Weigh

❖ **Which of the two has more weight? Tick (✓) in that box.**

bananas	☐	pear	☐
kite	☐	book	☐
Newspaper	☐	Story Book	☐
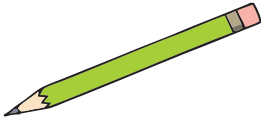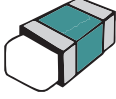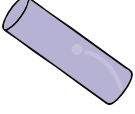
❖ **Use following things to prepare balance scale (weighing scale)**

Get the help from teacher or friend to make the balance Scale.
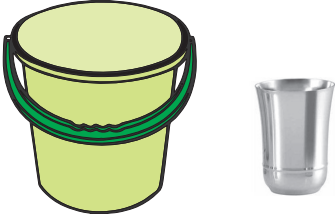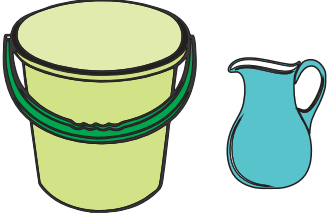
❖ **Use your balance to weigh the things. For balancing use seeds, marbles, blocks etc. and complete the table.**
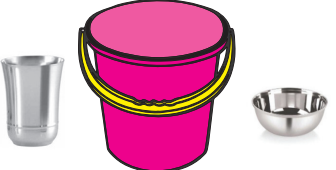
Things	Seeds/Marbles/Blocks
pencil	e.g. 10 seeds ....
eraser	....
	....
smiley	....

(Teachers/Parents should get this activity done in their presence only.)

20. Let's measure Capacity

❖ **First estimate/guess and then actually measure it. Compare both the readings.**
(Teachers/Parents should get this activity done in their presence only.)
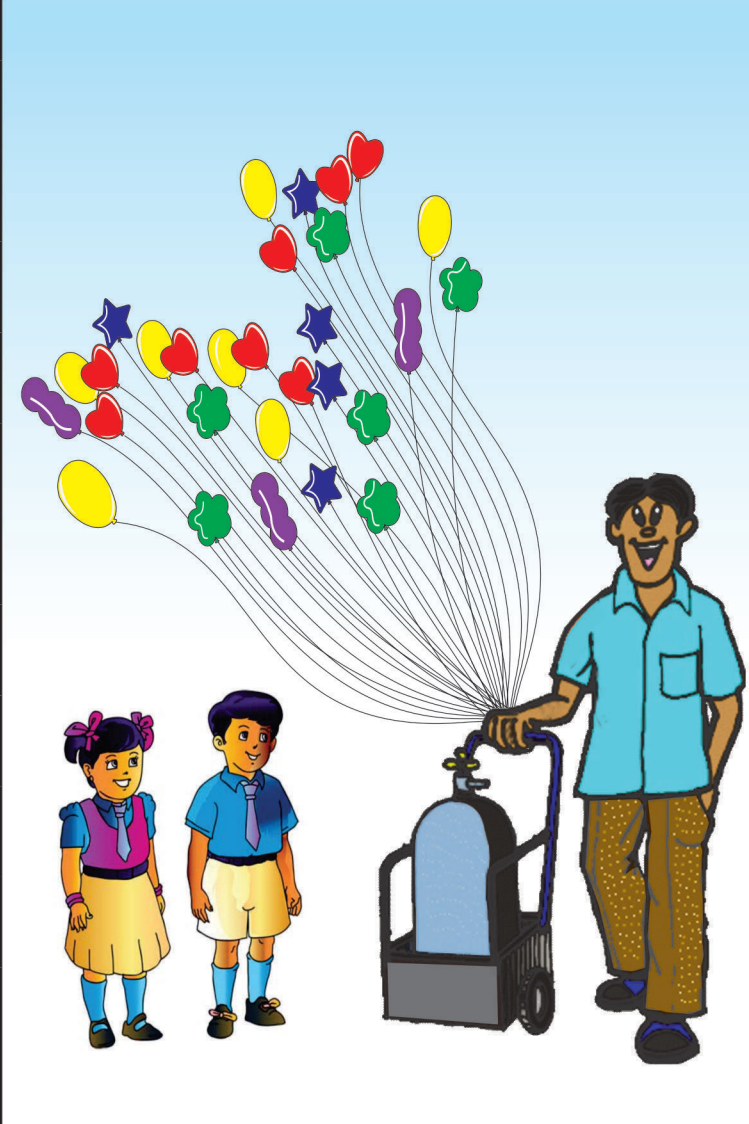
	Your Guess	Actual Measure
	Bucket will hold .... glass of water.	Bucket hold .... glass of water.
	.... vessel of water will fill the bucket.	.... vessel of water filled the bucket.
	.... jug of water will be required to fill the bucket.	.... jug of water filled the bucket.
	.... bowls of water will fill the bucket.	.... bowls of water filled the bucket.

❖ **Tick (✓) that box which shows the capacity of the vessels in ascending order.**

21. Data Handling

❖ **Let's learn, colour and enjoy !**

Colour one square for one balloon.

10					
9					
8					
7					
6					
5					
4					
3					
2					
1					
balloons	❤	🎈	⭐	🎈	🎈

Observe the picture and fill the boxes as shown.						Total
Balloon's colour	Red	....	....	....	....	
Number of Balloons	8					

❖ **Observe the picture and count the toys.**

Mansi's house	Raju's house
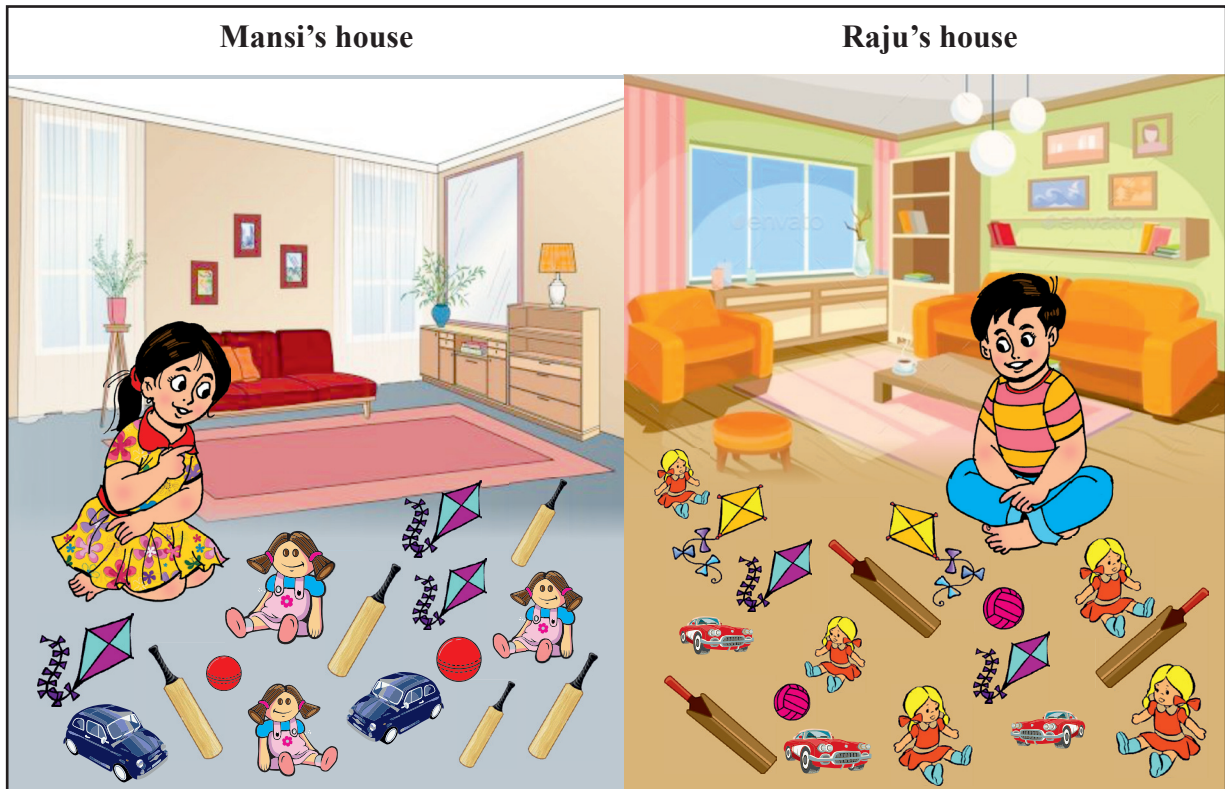
Toys	cars	kites	dolls	bats	balls
Mansi has					
Raju has					

1)	How many cars Mansi has ?	
2)	How many kites does Raju have ?	
3)	What is the total number of kites with Mansi and Raju ?	
4)	How many total balls they have ?	
5)	What is the total number of toys with Mansi ?	
6)	How many pairs of bat-ball does Raju have ?	
7)	How many more bat does Mansi have, than Raju ?	

22. Let's Complete the Patterns

❖ **Observe and complete the patterns.**

═	↕↕	═	↕↕			

🙂	😃	🙁	🙂			

🌿	🌿	🌿				

AA	BB		DD			GG

2	12	22	32			

❖ **Use the given numbers and pictures to design a pattern. (you can use as many pictures and numbers as you want)**

🎾 🎈 🪁 🍃	1 2 0 3 4
	5 6 7 8 9

🎾	🎈	🎾	🎈	🎾	🎈	🎾

23. Before Learning Multiplication

❖ **Ana, Samira, Ahamad and Sachin planted two saplings each in school garden.**

Ana   Samira   Ahamad Sachin   total saplings planted

$\boxed{2}$ + $\boxed{2}$ + $\boxed{2}$ + $\boxed{2}$ = $\qquad$ $\boxed{8}$

4 times 2 saplings means   Total 8 saplings were planted.

$2 \times 4 = \boxed{8}$ Read as ⟶ $\boxed{2 \text{ into } 4 \text{ is equal to } 8}$

❖

$\boxed{}$ + $\boxed{}$ + $\boxed{}$ = $\boxed{}$

$\boxed{}$ times $\boxed{}$ birds ⟶ means total $\boxed{}$ birds

❖ **As per the activity solved above, solve the following example.**
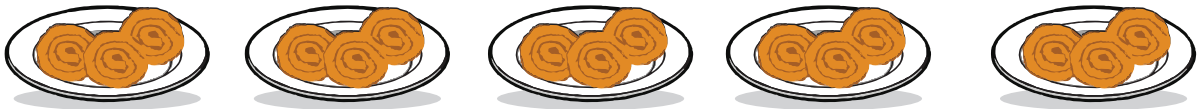
1) How many dishes are there ? $\boxed{}$ dishes

2) How many chaklis in each dish ? $\boxed{}$ chaklis

3) So total number of chaklis are $\boxed{}$ chaklis

5 times 3 means = $\boxed{}$ + $\boxed{}$ + $\boxed{}$ + $\boxed{}$ + $\boxed{}$ = **15**

$3 \times 5 = \boxed{}$

Credentials

Workbook : Standard - Two : Creative Participation in Development and Writing

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3.	Vijay Gaikwad	Senior Lecturer	Dist. Institute of Educational Training (DIET), Dhule
4.	Shailesh Patil	Lecturer	Dist. Institute of Educational Training (DIET), Jalgaon
5.	Dr. Dinesh Chaudhari	Lecturer	Dist. Institute of Educational Training (DIET), Thane
6.	Shivaji Thakur	Lecturer	Dist. Institute of Educational Training (DIET), Dhule
7.	Nilofar Patel	Lecturer	Regional Academic Authority (RAA), Aurangabad
8.	Chandan Kulkarni	I/C BEO	Panchyat Samiti, Ambajogai
9.	Atul Kulkarni	Subject Asst.	Dist. Institute of Educational Training (DIET), Nanded
10.	Ashwin Kinarkar	Subject Asst.	Regional Academic Authority (RAA), Nagpur
11.	Balaji Jabade	Subject Asst.	Dist. Institute of Educational Training (DIET), Hingoli
12.	Umesh Raut	Subject Asst.	Dist. Institute of Educational Training (DIET), Palghar
13.	Subhash Marwade	Subject Asst.	Dist. Institute of Educational Training (DIET), Gondiya
14.	Manish Dighekar	Subject Asst.	Dist. Institute of Educational Training (DIET), Amaravati
15.	Gajanan Pawar	Subject Asst.	Dist. Institute of Educational Training (DIET), Buldhana
16.	Vishwambhar Aalne	Subject Asst.	Dist. Institute of Educational Training (DIET), Washim
17.	Basweshwar Kalyankasture	Subject Asst.	Dist. Institute of Educational Training(DIET), Ratnagiri
18.	Prabhakar Kakade	Head Master	Zilla Parishad Primary School Gadhejalgaon,Tal. Dist. Aurangabad
19.	Annappa Parit	Asst. Teacher	New English School and Jr. College, Lat, Dist. Kolhapur
20.	Suvarna Deshpande	Asst. Teacher	New English School, Satara
21.	Namdev Dhanavade	Asst. Teacher	Zilla Parishad Primary School Mhate Khu., Tal. Javli, Dist. Satara
22.	Smt. Taruben Popat	Retd. Head Mistress	Sanghavi K.M. High School, Pune.
23.	Dr. Lata Padekar	Graduate Teacher	Loknete Yashwantrao Chavan PMC Vidyaniketan No.6 Yerwada, Pune

Instructions for teachers/parents : 1) The objective of this workbook is to inculcate the habit of self-study in students and also to provide opportunity to excel in expected learning outcomes. 2) After learning the concepts and content given in the textbook, the students are expected to complete the activities given in this workbook. 3) Ample colourful pictures, figures and diagrams are used to make the workbook attractive. Mathematical puzzles /riddles are included to make it more enjoyable. 4) Activities in the workbook are designed as per the learning outcomes, hence every student sooner or later will achieve the expected learning outcomes. So teachers should focus on the process of learning rather than the product. 5) Teachers should plan as per the local situations so that every student can complete the activities in the said academic year. 6) At many places some sample activities are solved, so by observation student will solve remaining activities on their own. 7) If necessary, teacher /parent should give guidance to the students in person or in group. 8) Teaching of Mathematics should be accompanied by real life examples from the local surroundings so that the students can relate themselves and understand it in better way.Also encourage and motivate students to find such examples. 9) To evaluate the students' performance is not the only aim and objective of this workbook but also to get rid of 'Mathophobia' in students. Rather they should start loving Mathematics. 10) Teacher should always start with a positive thought and strong belief that 'Every child can learn Mathematics.' Encourage students to participate in everyday teaching-learning process with the help of this workbook.
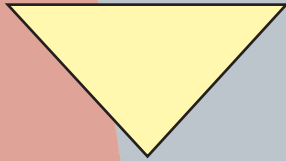
Let's make

Puppy and house by paper folding art.
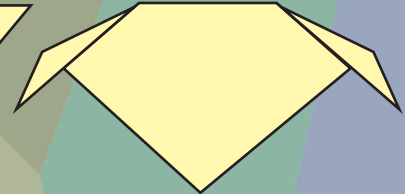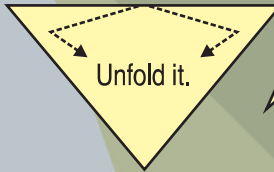For that you require some square papers and colours.
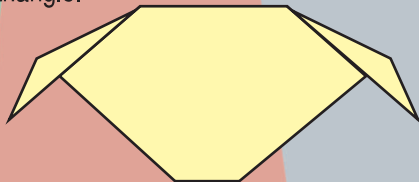
1. Puppy
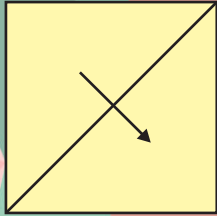
Unfold it.

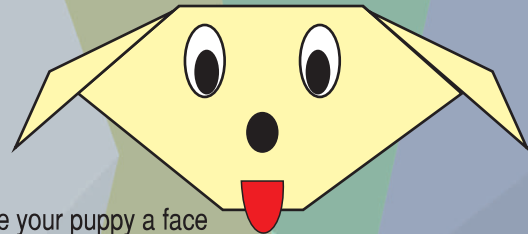1. Fold the paper in half, again give one more fold to get small triangle.

2. Hold the triangle downwards unfold it.
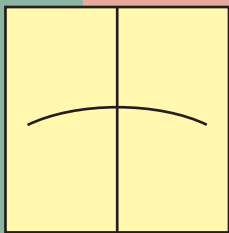
3. Fold both the corners of the triangle as shown.
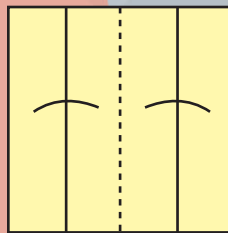
4. Fold the top corner to the back.

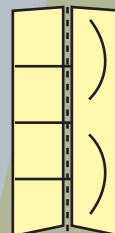5. Give your puppy a face by drawing eyes, nose and tongue.
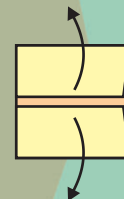
2. House
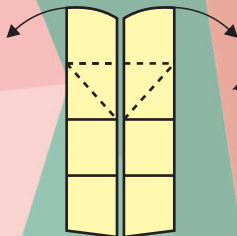
1. Fold the paper in half.

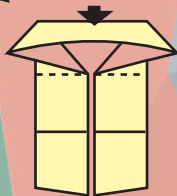2. Fold the edges to the centre as shown.
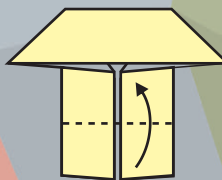
3. Fold to the centre.

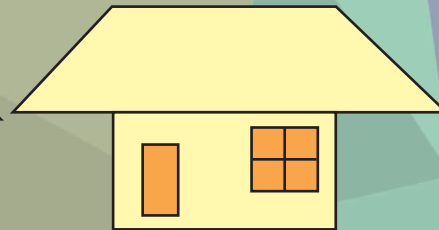4. Turn the figure and fold the left and right edges to the centre.

5. Open the top left and right flaps.

6. Spread out the corners and flatter.

7. Fold on dotted line.

8. Draw the door and window. House of paper is ready. Colour it.

करूया मैत्री गणिताशी – कार्यपुस्तिका : गणित
इयत्ता दुसरी (इंग्रजी माध्यम)