**3**

Objectives

- To make understanding of counting 21 to 99 with currency notes, abacus and maan card.
- Understanding of Speaking, reading, writing of forward and backward counting in serial order.
- Understanding of before, after and in between.
- Understanding of comparison of numbers.
- To collect the objects in groups of ones and tens.
- To train the students to white number names counting up to 99.

Do you remember ?

a. Write counting
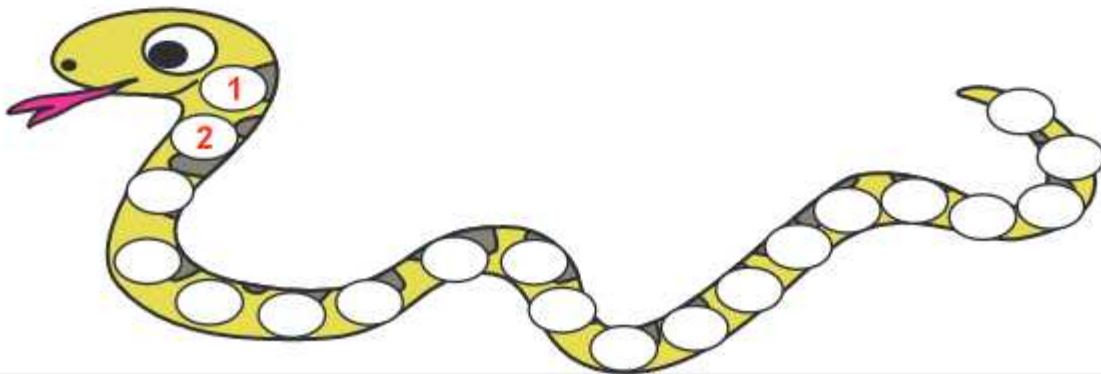
b. Write just before, just after and in between of the numbers :

…….17

…….19

15……..

12……..

14…….16

17…….19

c. Do as given below :

Encircle the smaller number

4	19
12	20
17	8

Encircle the larger number
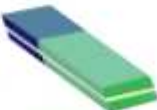
9	7
16	12
7	18

d. Fill in the blanks :

5

6

7

8

e. Count the objects mentioned below from your bag and write :

f. Write dodging counting :

Counting 20 to 29

Let's speak 1 to 20.

1 more bird joins the group of 20 birds, how many birds are there, now ?

?

1, 2, 3, 4, 5 20
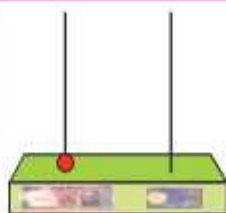
Let us count after 20, First we will count 10 more with currency notes and abacus.
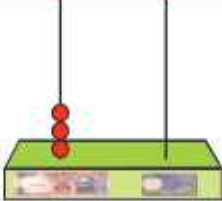
Currency notes	Abacus	Maan card
		1 0
		2 0
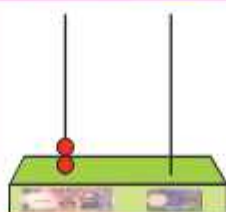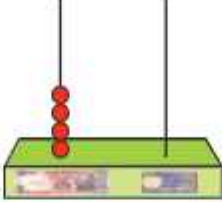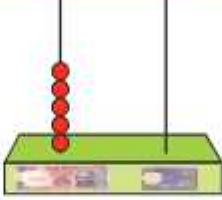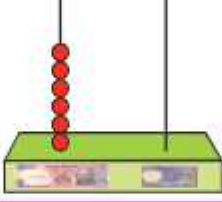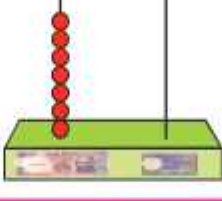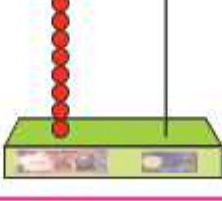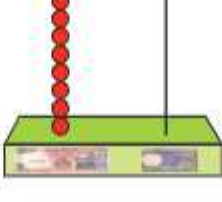
		3 0
		4 0
		5 0
		6 0
		7 0
		8 0
		9 0

I have 20 balloons. I have taken 1 more. How many balloons do I have now?

Today we will count with the help of currency notes, solid objects and maan cards.

21
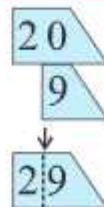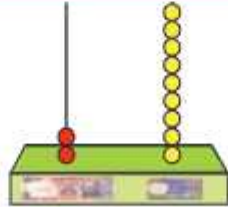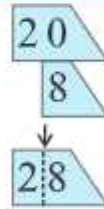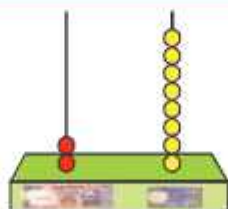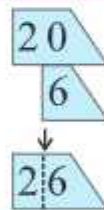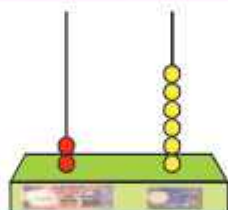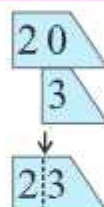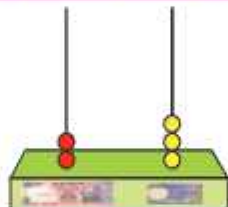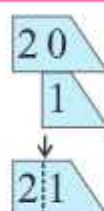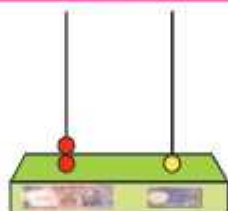
2 0	2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9
Twenty	Twenty One	Twenty Two	Twenty Three	Twenty four	Twenty Five	Twenty Six	Twenty Seven	Twenty Eight	Twenty Nine

1. Write forward/backward counting :

20

20

29

29

2. Write just before of the given numbers :

23 24

22

29

27

25

21

3. Write just after of the given numbers :

22 23

24

20

26

27

28

4. Write the number in between :

21 **22** 23   24 _____ 26   22 _____ 24

19 _____ 21   26 _____ 28   27 _____ 29

5. Encircle the greater number :

| 23 | 25 | | 27 | 22 | | 21 | 29 |

6. Encircle the smaller number :

| 19 | 20 | | 26 | 28 | | 24 | 27 |

7. Match the number names with numerals :

Twenty seven   Twenty Six

Twenty   Twenty five

21   24
29
27   28   Twenty three

Twenty nine   22

25

23   20   Twenty eight
26

Twenty four

Twenty one   Twenty two

Counting 30 to 39
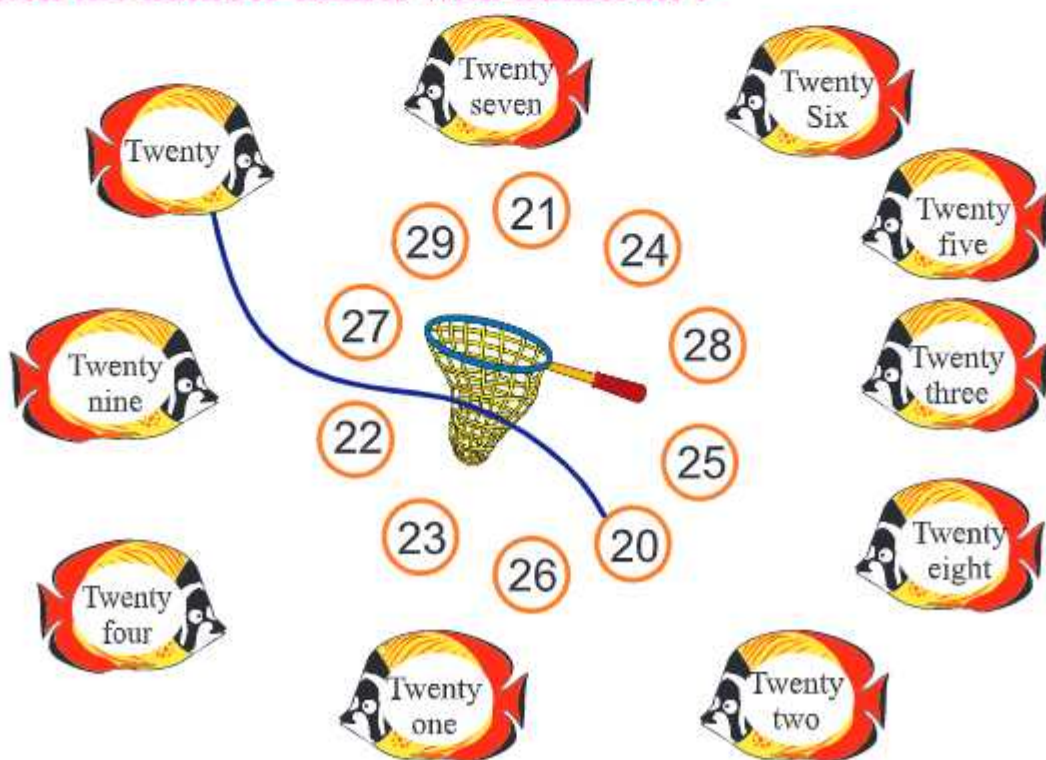
		3 0 / 1 → 3:1
		3 0 / 2 → 3:2
		3 0 / 5 → 3:5
		3 0 / 6 → 3:6
		3 0 / 8 → 3:8
		3 0 / 9 → 3:9

30	31	32	33	34	35	36	37	38	39
Thirty	Thirty One	Thirty Two	Thirty Three	Thirty Four	Thirty Five	Thirty Six	Thirty Seven	Thirty Eight	Thirty Nine
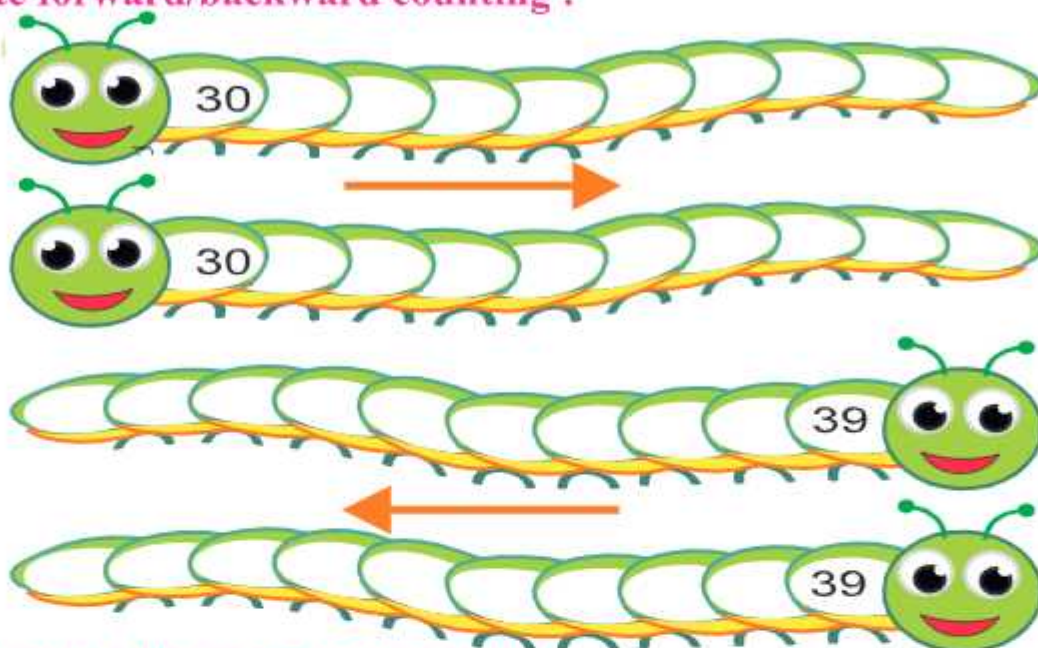
1. Write forward/backward counting :

30

30

39

39

2. Write just before of the given number :

30

32

35

37

36

39

3. Write just after of the given number :

31 | 32

33

37

36

35

38

4. Write the number in between :

31　32　33　　　35　___　37　　　33　___　35

29　___　31　　　37　___　39　　　34　___　36

5. Encircle the greater number :

| 32 | 30 | | 37 | 31 | | 32 | 36 |

6. Encircle the smaller number :

| 33 | 35 | | 31 | 29 | | 38 | 39 |

7. Match the number names with numerals :

Thirty eight

Thirty three

Thirty

Thirty One

36　39　38

30

Thirty two ⟵———— 32

Thirty Five

37

35

34

31

33

Thirty four

Thirty Six

Thirty seven

Thirty nine
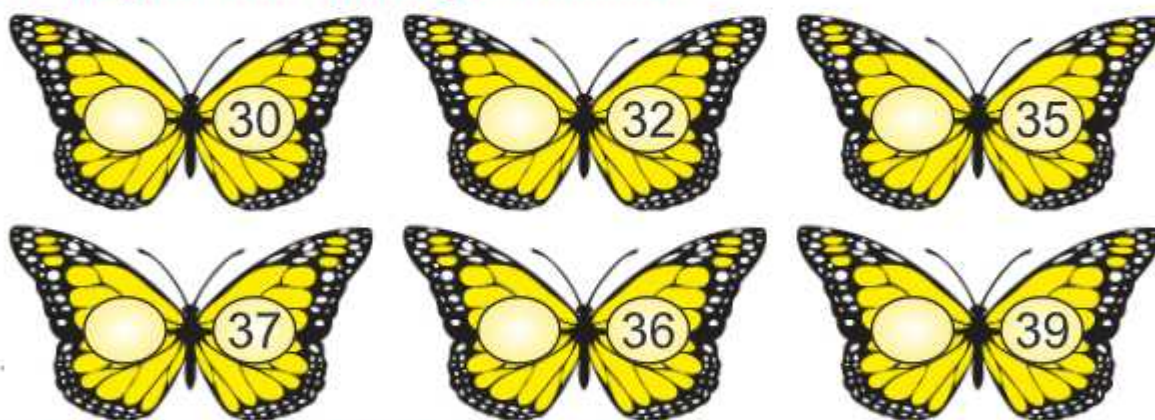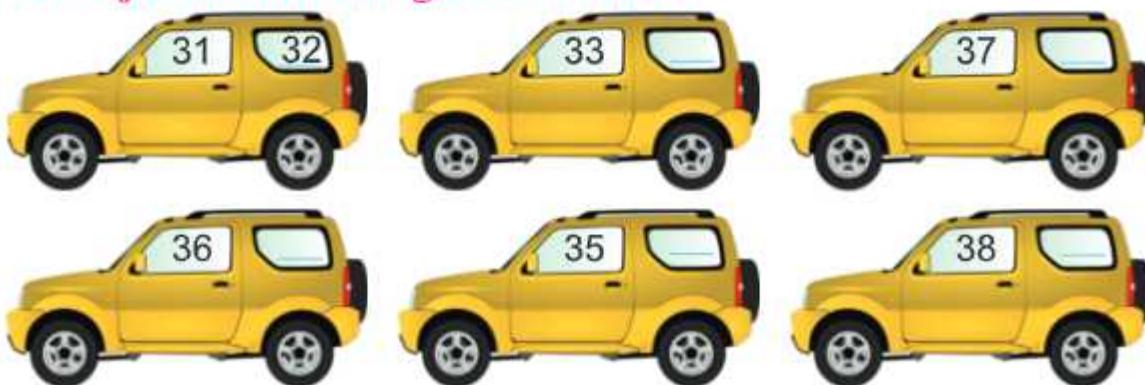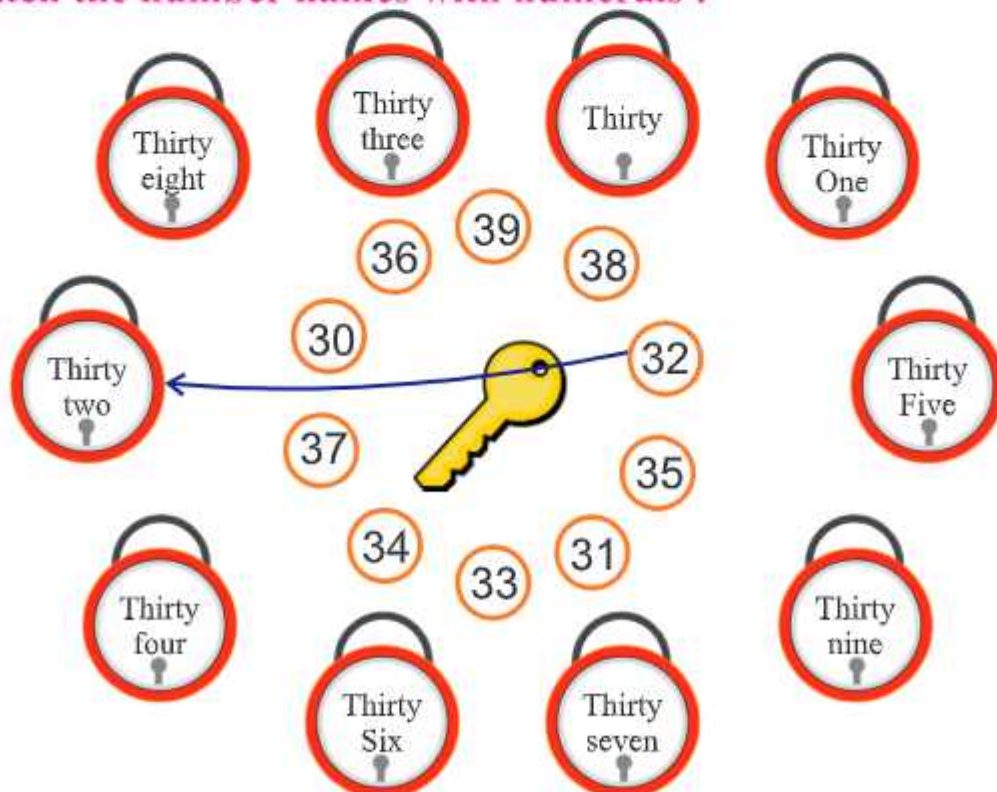
Magical Game

Objective : To recognize the number.
Material required : Chart and a marker.
Method : 1. Prepare a play chart as shown below :

A	B	C	D	E
1	2	4	8	16
3	3	5	9	17
5	6	6	10	18
7	7	7	11	19
9	10	12	12	20
11	11	13	13	21
13	14	14	14	22
15	15	15	15	23
17	18	20	24	24
19	19	21	25	25
21	22	22	26	26
23	23	23	27	27
25	26	28	28	28
27	27	29	29	29
29	30	30	30	30
31	31	31	31	31

2. Ask a student to think of any number upto 31.
3. Then ask the student to find that number in the columns A, B, C, D, E.
4. Add the first number of each of the columns which the student had identified, that will be the answer.
5. For example 22, it lies in columns B, C and E, Therefore we add first number of these columns and got the answer i.e. 2+4+16=22.

Note The whole activity should be performed by students. The teacher will lead the team only.

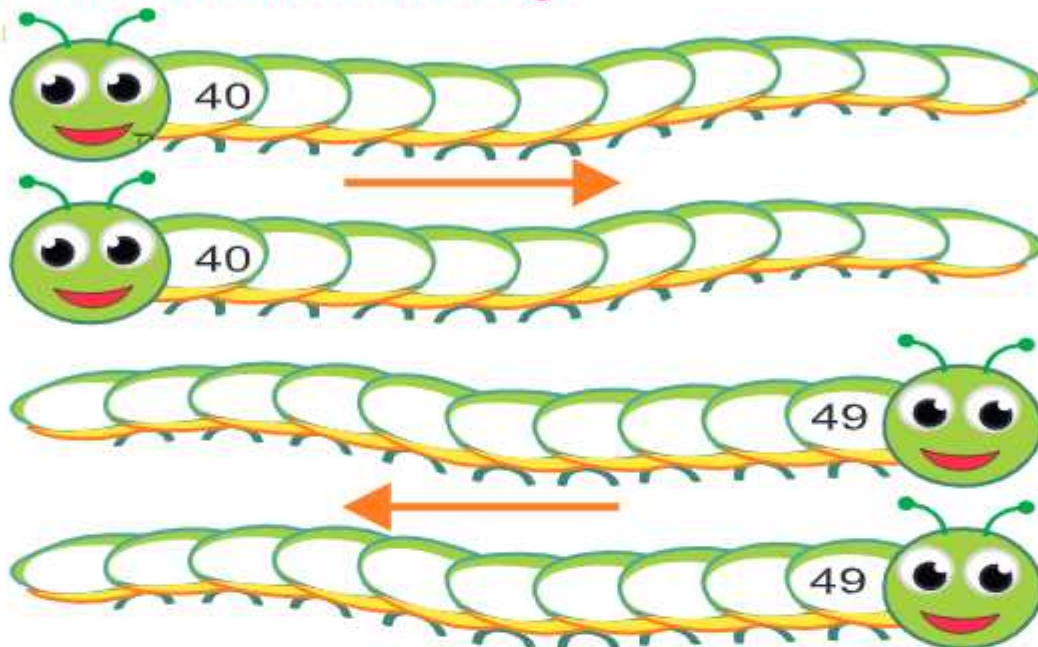| Row A	Row B	Row C	Row D	Row E
Start from 1. Write 1 number. Leave 1 number.	Start from 2. Write 2 numbers continuously. Leave 2 numbers	Start from 4. Write 4 numbers continuously. Leave 4 numbers.	Start from 8 . Write 8 numbers continuously. Leave 8 numbers.	Start from 16. Write 16 numbers continuously. Leave 16 numbers.

Counting 40-49

Notes	Abacus	Number
		4 0 / 1 ↓ 4 1
		4 0 / 3 ↓ 4 3
		4 0 / 5 ↓ 4 5
		4 0 / 7 ↓ 4 7
		4 0 / 8 ↓ 4 8
		4 0 / 9 ↓ 4 9

40	41	42	43	44	45	46	47	48	49
Forty	Forty one	Forty two	Forty three	Forty four	Forty five	Forty six	Forty seven	Forty eight	Forty nine

1. Write forward/backward counting :

40

40

49

49

2. Write just before of the given number :

39 40

41

42

45

48

49

3. Write just after of the given number :

41 42

43

47

45

46

48

4. Write the number in between :

41 **42** 43   45 [ ] 47   43 [ ] 45

47 [ ] 49   46 [ ] 48   44 [ ] 46

5. Encircle the greater number :

| 42 | 44 | | 45 | 40 | | 42 | 46 |

6. Encircle the smaller number.

| 43 | 45 | | 47 | 49 | | 46 | 43 |

7. Match the number names with numerals :

Forty eight

Forty three

Forty

Forty one

Forty two

Forty five

Forty four

Forty six

Forty seven

Forty nine

46 49 48
40   42
47   45
44 43 41
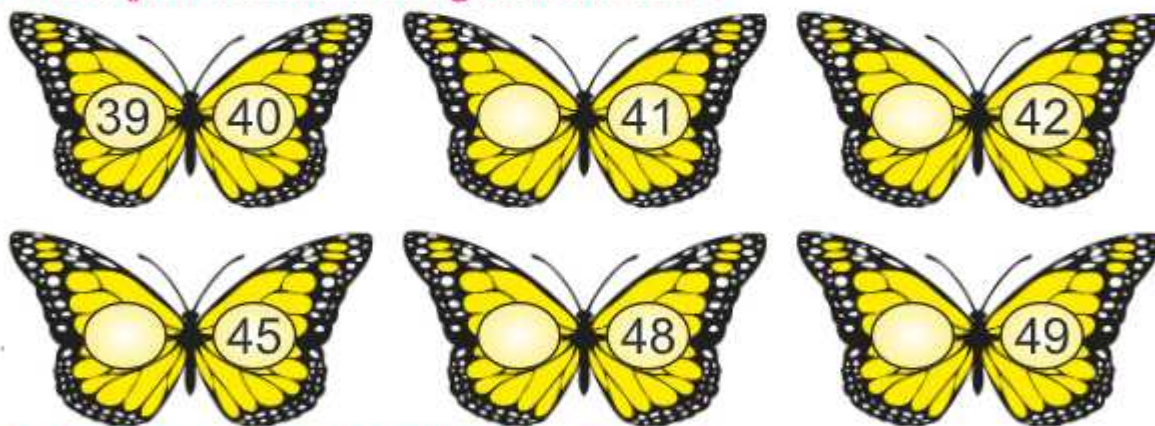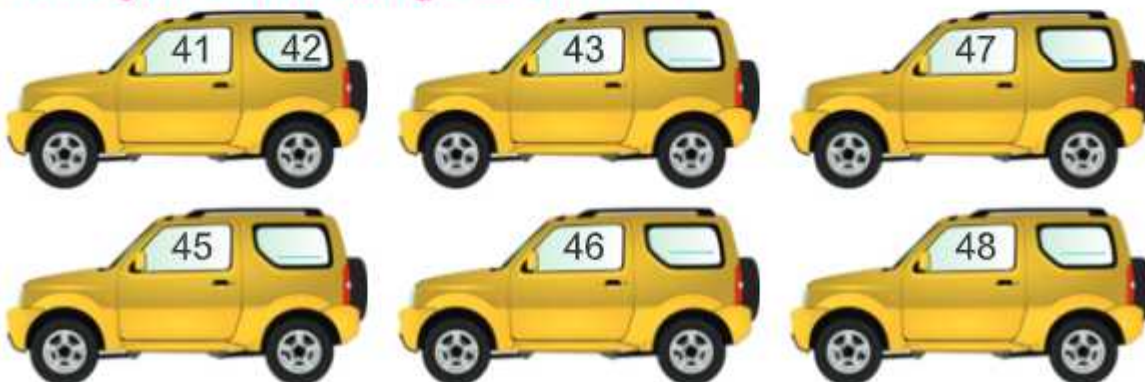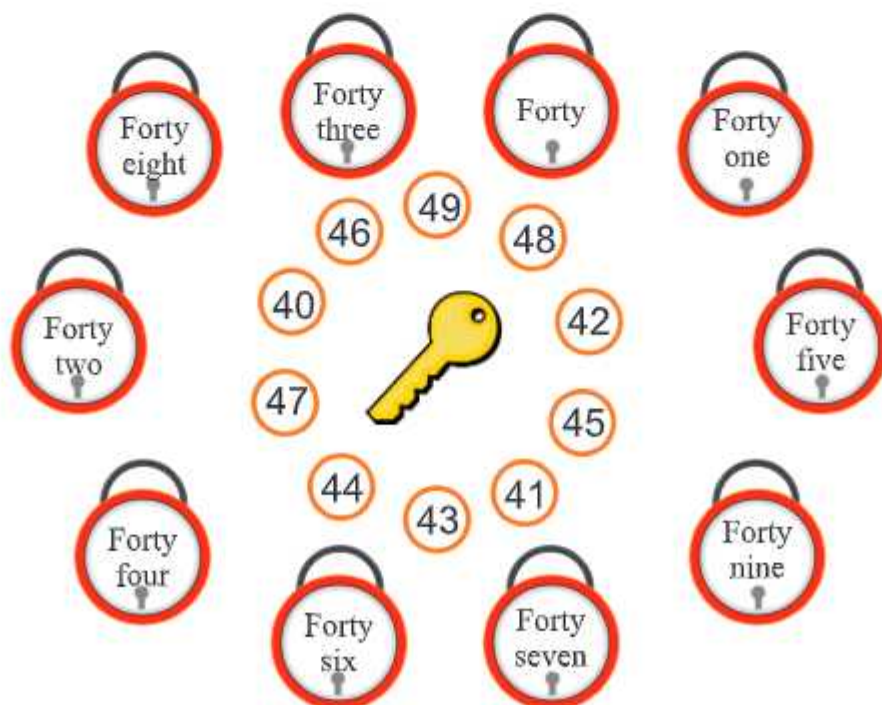
Objective   :   Recognition and formation of the number.
Material required :   Maan cards 1 to 9 and 10, 20, 30, 40, 50
Method   :   1. Divide the students into groups.
                          2. Speak out a number like 42.
                          3. Call a student from first group and ask
to pick maan cards and make the number 42.

Example :   To make 42, the student will pick maan cards
                         of 40 and 2 and make the number 42 by
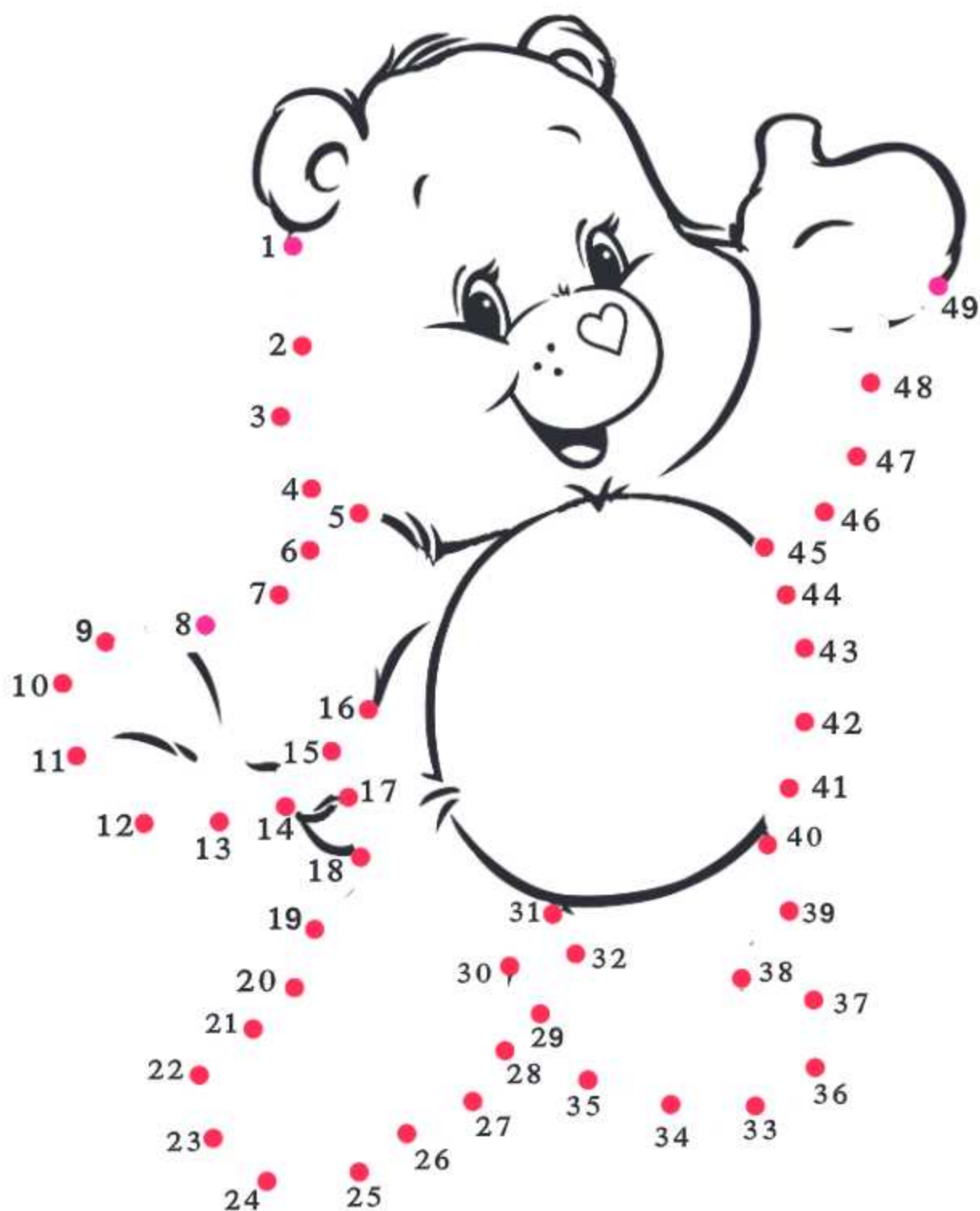   joining the edges.
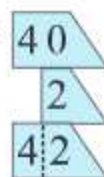
4. Then call a student from the second group and repeat the same activity.

5. The teacher will take the help of a stopwatch to perform this activity and will check which group makes 10 numbers in less time, that group will be the winner.
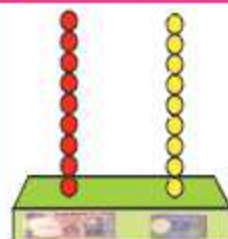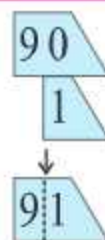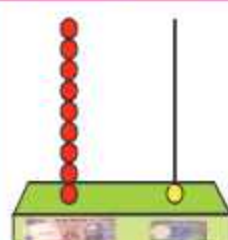
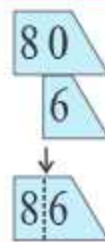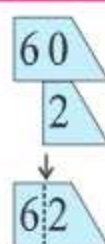**Let's do**   **Write counting 1 to 49 :**

| 1 | 2 | | | | | | | | |
| 94 |

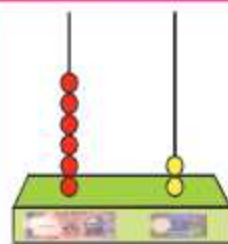**Join the dots from 1 to 49 and colour it.**

Counting 50 to 99

		5 0 / 7 → 5|7
		6 0 / 2 → 6|2
		7 0 / 4 → 7|4
		8 0 / 6 → 8|6
		9 0 / 1 → 9|1
		9 0 / 9 → 9|9
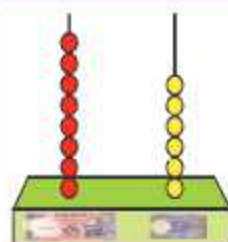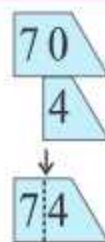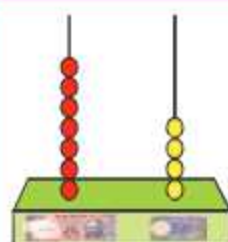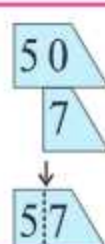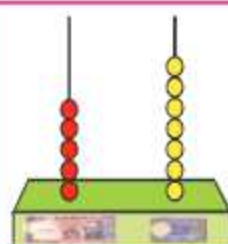
50	51	52	53	54	55	56	57	58	59
Fifty	Fifty one	Fifty two	Fifty three	Fifty four	Fifty five	Fifty six	Fifty seven	Fifty eight	Fifty nine
60	61	62	63	64	65	66	67	68	69
Sixty	Sixty one	Sixty two	Sixty three	Sixty four	Sixty five	Sixty six	Sixty seven	Sixty eight	Sixty nine
70	71	72	73	74	75	76	77	78	79
Seventy	Seventy one	Seventy two	Seventy three	Seventy four	Seventy five	Seventy six	Seventy seven	Seventy eight	Seventy nine
80	81	82	83	84	85	86	87	88	89
Eighty	Eighty one	Eighty two	Eighty three	Eighty four	Eighty five	Eighty six	Eighty seven	Eighty eight	Eighty nine
90	91	92	93	94	95	96	97	98	99
Ninety	Ninety one	Ninety two	Ninety three	Ninety four	Ninety five	Ninety six	Ninety seven	Ninety eight	Ninety nine

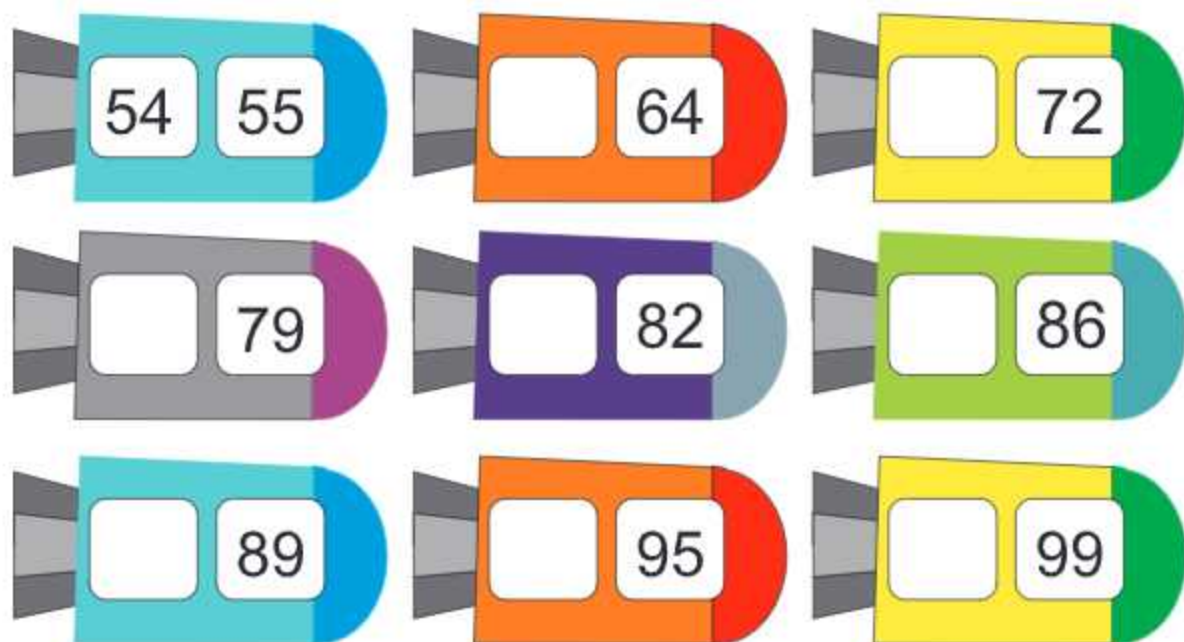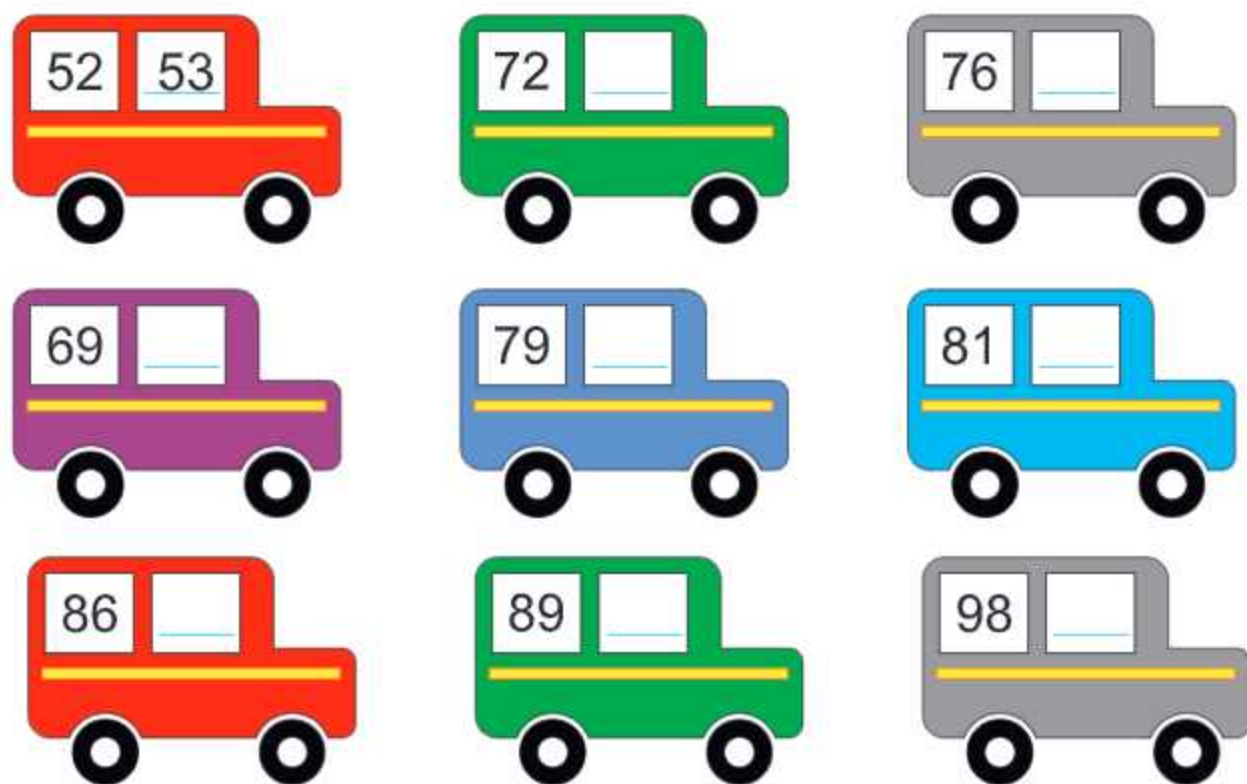## Let's do

1. Write counting from 50 to 99

50

60

70

80

90
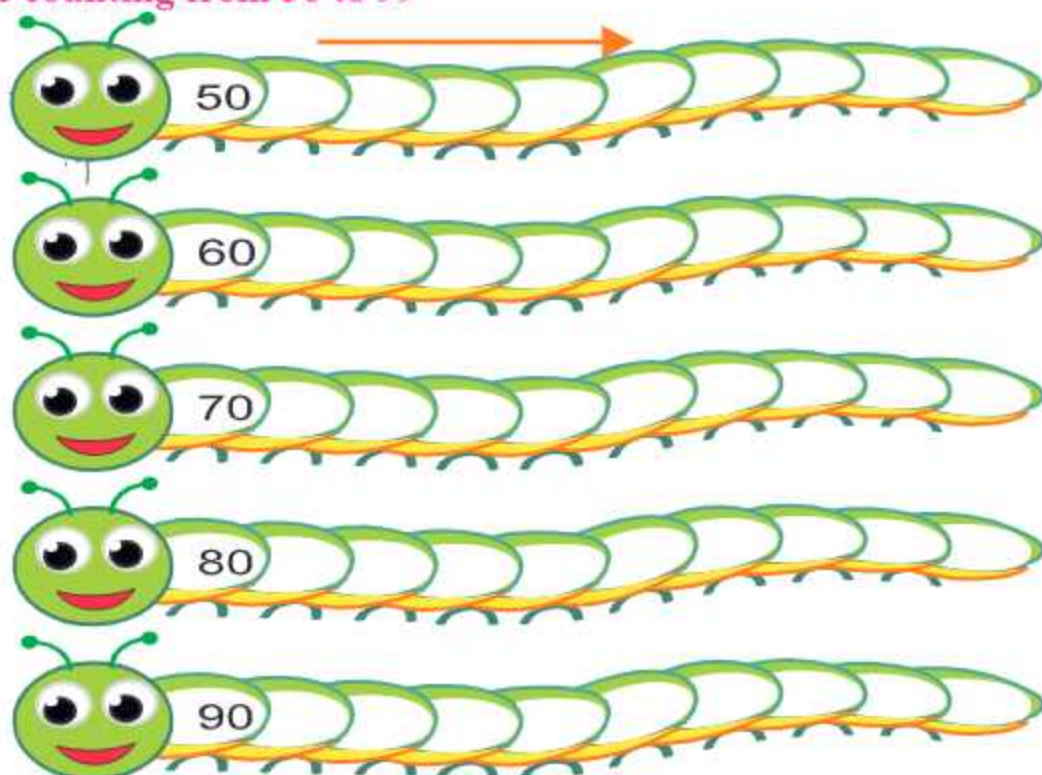
2. Write backward counting

3. Join the number names with numerals.

Seventy nine
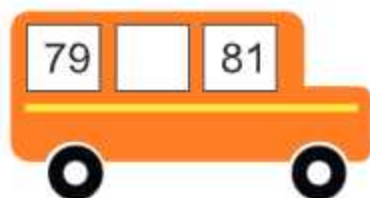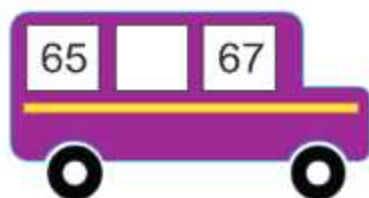
Ninety three

Sixty nine

52

34

47

93

79

69

Thirty four

Forty seven

Fifty two

4. Write just before of the given numbers :

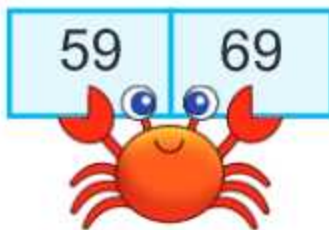| 54 | 55 |
	64
	72
	79
	82
	86
	89
	95
	99

5. Write just after of the given numbers :

52	53
72	
76	
69	
79	
81	
86	
89	
98	

6. Write the number in between :

50 (51) 52	70 ___ 72	84 ___ 86
61 ___ 63	65 ___ 67	79 ___ 81
89 ___ 91	59 ___ 61	93 ___ 95

7. Encircle the greater number :

35 53	56 65	70 60
72 74	59 69	89 79
52 32	45 49	39 29

8. Encircle the smaller number.

43	40

39	49

33	43

63	73

69	59

82	85

72	64

91	95

96	83

9. Write from smaller number to greater number :

50   80   60
50   60   80

69   99   59
___ ___ ___

52   58   59
___ ___ ___

45   72   64
___ ___ ___

10. Join the dots 1 to 99 and colour it.
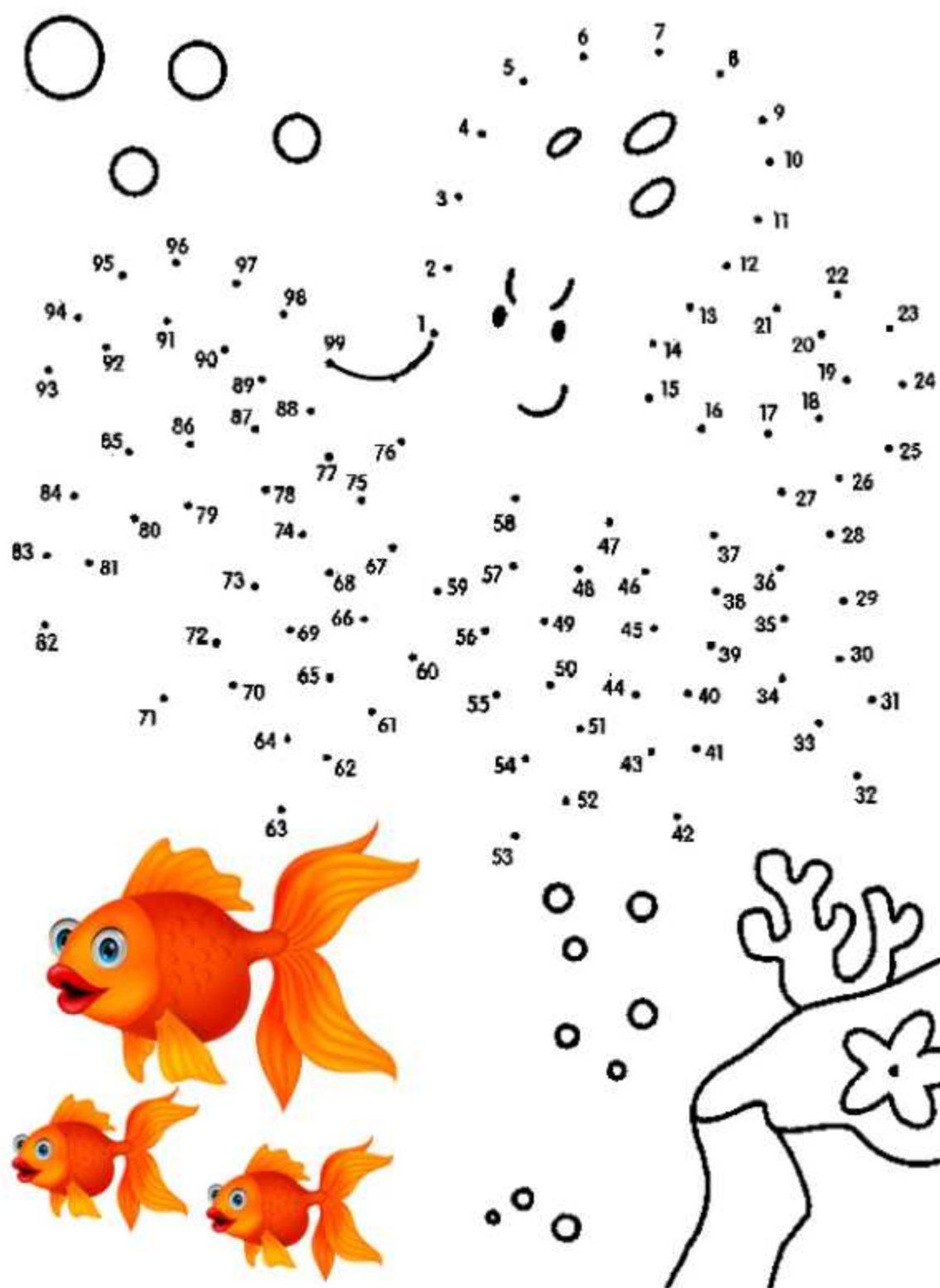
1. Write forward counting as given below :

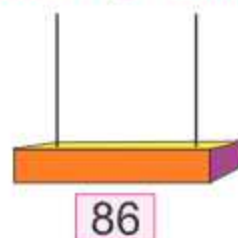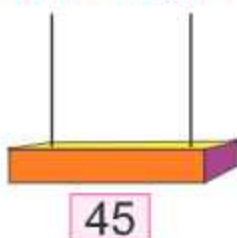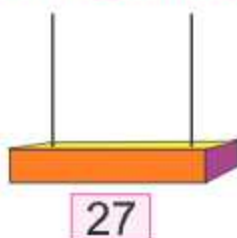| 32 | | | | | | | | | | |

| 52 | | | | | | | | | | |

2. Write in just before, just after and in between numbers.

— 35
— 89
— 98

58 —
77 —
89 —

25 — 27
86 — 88
90 — 92

3. Draw beads in abacus according to the numbers given below.

27

45

86

4. Write the number made by joining the maan cards.

40 3 = ☐   70 6 = ☐   90 4 = ☐

5. Write number names of the numerals given below.

23 _____   48 _____   37 _____

6. Encircle the smaller number.

32	33
47	37
86	64

41	51
59	69
89	79

7. Encircle the greater number.

32	33
47	37
86	64

41	51
59	69
89	79

8. Count the beads in abacus and write the number.
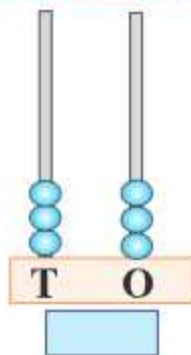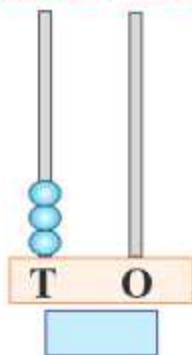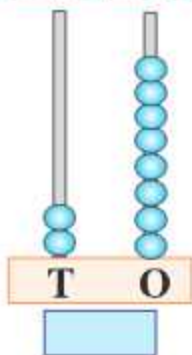
9. Write numerals for number names.

Twenty nine.............. Forty eight............Eighty six

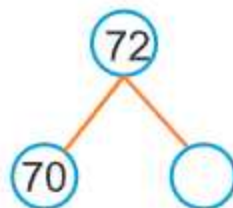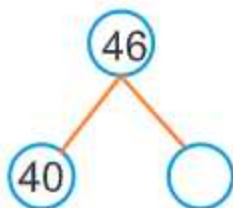## 10. Write the following numbers from smaller to greater.
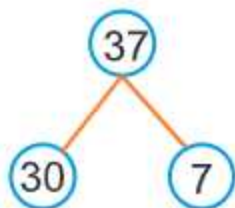
(i) 37,   23,   29, 32   ...   .

(ii) 46,   49,   41, 43   ...   .

(iii) 17,   37,   47, 27   ...   .

(iv) 69,   59,   79, 49   ...   .

11. Split the following numbers.

Things to remember

- Greatest number of 2 digits = 99

- Pick a currency note of ₹10 in place of ten notes of ₹1.

- Pick two maan cards to count 21 to 99 and match them.

We have learnt

Counting 21 to 99

Count, read, write forward and backward counting in words upto 99, Before, after and in between the numbers.

Add two, one digit numbers orally.

To write the number names upto 99

Comparison