



Lesson 7

Numbers up to 50

We have already learnt numbers up to 20.
Now, let us build numbers more than twenty.



= 1 ten

Numbers 21 to 30

	2 tens and 1 one $20 + 1 = 21$	twenty one
	2 tens and 2 ones $20 + 2 = 22$	twenty two
	2 tens and 3 ones $20 + 3 = 23$	twenty three
	2 tens and 4 ones $20 + 4 = 24$	twenty four
	2 tens and 5 ones $20 + 5 = 25$	twenty five
	2 tens and 6 ones $20 + 6 = 26$	twenty six
	2 tens and 7 ones $20 + 7 = 27$	twenty seven
	2 tens and 8 ones $20 + 8 = 28$	twenty eight
	2 tens and 9 ones $20 + 9 = 29$	twenty nine
	3 tens and 0 ones $30 + 0 = 30$	thirty

Numbers 31 to 40

	3 tens and 1 one $30 + 1 = 31$	thirty one
	3 tens and 2 ones $30 + 2 = 32$	thirty two
	3 tens and 3 ones $30 + 3 = 33$	thirty three
	3 tens and 4 ones $30 + 4 = 34$	thirty four
	3 tens and 5 ones $30 + 5 = 35$	thirty five
	3 tens and 6 ones $30 + 6 = 36$	thirty six
	3 tens and 7 ones $30 + 7 = 37$	thirty seven
	3 tens and 8 ones $30 + 8 = 38$	thirty eight
	3 tens and 9 ones $30 + 9 = 39$	thirty nine
	4 tens and 0 ones $40 + 0 = 40$	forty

Numbers 41 to 50

	4 tens and 1 one $40 + 1 = 41$	forty one
	4 tens and 2 ones $40 + 2 = 42$	forty two
	4 tens and 3 ones $40 + 3 = 43$	forty three
	4 tens and 4 ones $40 + 4 = 44$	forty four
	4 tens and 5 ones $40 + 5 = 45$	forty five
	4 tens and 6 ones $40 + 6 = 46$	forty six
	4 tens and 7 ones $40 + 7 = 47$	forty seven
	4 tens and 8 ones $40 + 8 = 48$	forty eight
	4 tens and 9 ones $40 + 9 = 49$	forty nine
	5 tens and 0 ones $50 + 0 = 50$	fifty

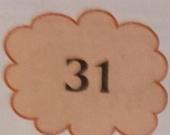
Activity-1

Fill in the missing numbers :

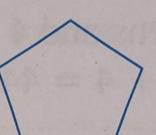
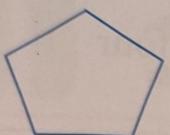
1.



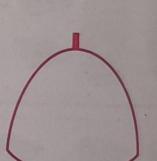
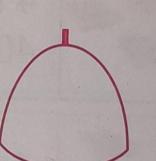
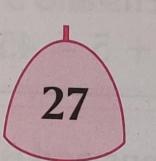
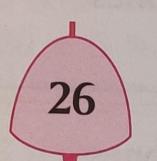
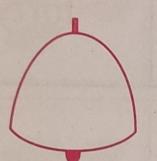
2.



3.



4.



Fun Time

Who am I ?

I am a number whose :

1. ones place is the same as number of wheels in a car.
2. tens place is the same as number of ears you have.

The number is



Activity-2

1. Complete the table by counting forward :

1	2				6		8		10
			14			17			20

2. Complete the table by counting backwards :

50	49				45				41
40				36				32	

3. Complete the table.

1	ten	and	4 ones	14	fourteen
4	tens	and	2 ones		
<input type="text"/>	tens	and	<input type="text"/> ones	47	
<input type="text"/>	tens	and	8 ones		thirty eight
4	tens	and	9 ones		
2	tens	and	7 ones		twenty seven

Number on Abacus

This is an abacus.

Rod 1 is called the **ones rod**.

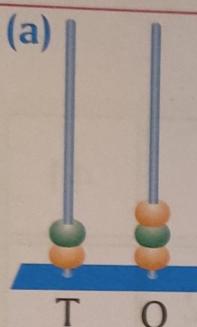
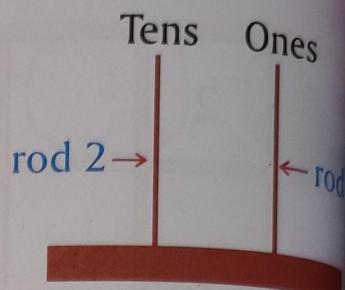
Rod 2 is called the **tens rod**.

Beads are used to indicate digits in the ones and tens.

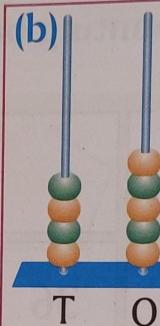
Each bead represents the value 1.

A maximum of 9 beads are used in each rod.

Let us learn to read numbers using the abacus:



2 beads in the tens rod.
3 beads in the ones rod.
The number has 2 tens
and 3 ones.
So, the number is 23.

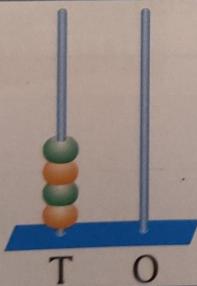


4 beads in the tens rod.
5 beads in the ones rod.
The number has 4 tens
and 5 ones.
So, the number is 45.

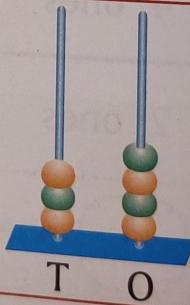
Activity-3

Write the number as shown by the abacus :

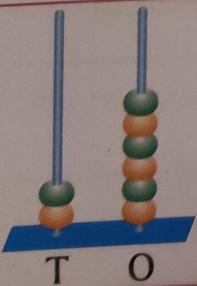
1.



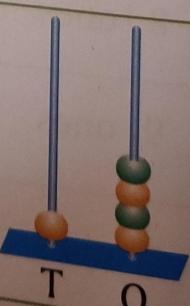
2.



3.



4.



Activity-4

Comparing Numbers

Use $>$ or $<$:

The first one has been done for you.

$$17 > 7$$

$$9 \quad ? \quad 19$$

A 2-digit number is always greater than a 1-digit number.



$$8 \quad ? \quad 39$$

$$29 \quad ? \quad 5$$

$$32 \quad ? \quad 47$$

$$40 \quad ? \quad 50$$

$$36 \quad ? \quad 26$$

$$13 \quad ? \quad 21$$

Compare the tens place if both numbers are 2-digit numbers.

$$20 \quad ? \quad 34$$

$$46 \quad ? \quad 25$$



$$14 \quad ? \quad 19$$

$$25 \quad ? \quad 29$$

If the tens place are same, compare the ones place.

$$23 \quad ? \quad 22$$

$$43 \quad ? \quad 47$$



$$48 \quad ? \quad 40$$

$$36 \quad ? \quad 30$$

Activity-5

1. Circle the smallest number :

(a)

43

13

23

33

(b)

17

28

11

31

2. Circle the largest number :

(a)

19

13

12

20

(b)

19

17

21

15

3. Write the numbers in ascending order :

(a)

17 23
47 9 11

--	--	--	--	--

(b)

41 39
48 33 37

--	--	--	--	--

4. Write the numbers in descending order :

(a)

20 30
50
10 40

--	--	--	--	--

(b)

18 27
36
45 7

--	--	--	--	--

Activity-6

Before-Between-After

What comes just before :

 9 11 32 21 43 38

What comes just after :

 14 27 33 43 48 29

What comes in between :

 19 21 40 24 26 13 15 29 48 50

Oral

1. Which number comes just after 39?
2. What comes just before 30?
3. Which is greater : 37 or 43?
4. What comes in between 34 and 36?



Review Exercise

1. Match the following :

34
47
50
29

fifty

twenty nine

forty seven

thirty four

2. Circle the largest and tick () the smallest number :

24 40 39 47 29 34

3. Use > , < or = :

(a) 34 43
(c) 10 10

(b) 29 32
(d) 48 40

4. Arrange in ascending order :

42 44 48 45

5. Arrange in descending order :

32 31 13 23

Maths Lab Activity

Creating an abacus

Materials required :

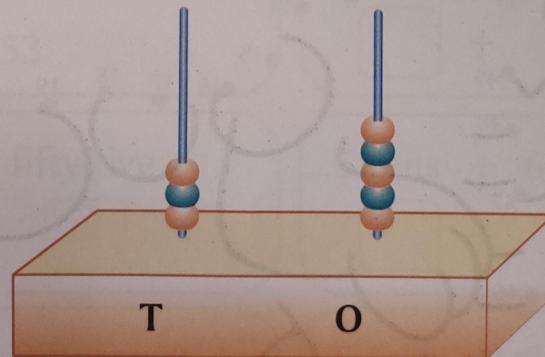
1. toothpaste box
2. 2 sticks
3. beads of different colours.



Procedure :

1. Take a toothpaste box and make two holes at a little distance from each other as shown.
2. Paint the box or cover it with coloured paper and decorate it.
3. Place two sticks in the two holes. These sticks represent 'tens' and 'ones'. Label them as shown in the figure.
4. Add beads to the two sticks to represent any number.

For example : 3 beads in the tens stick and 5 beads in the ones stick indicate the number 35.



Now, use this abacus to quiz your friends/brother/sister.

Teacher Tip:

The objective of this activity is to create an abacus to reinforce the concept of tens and ones.



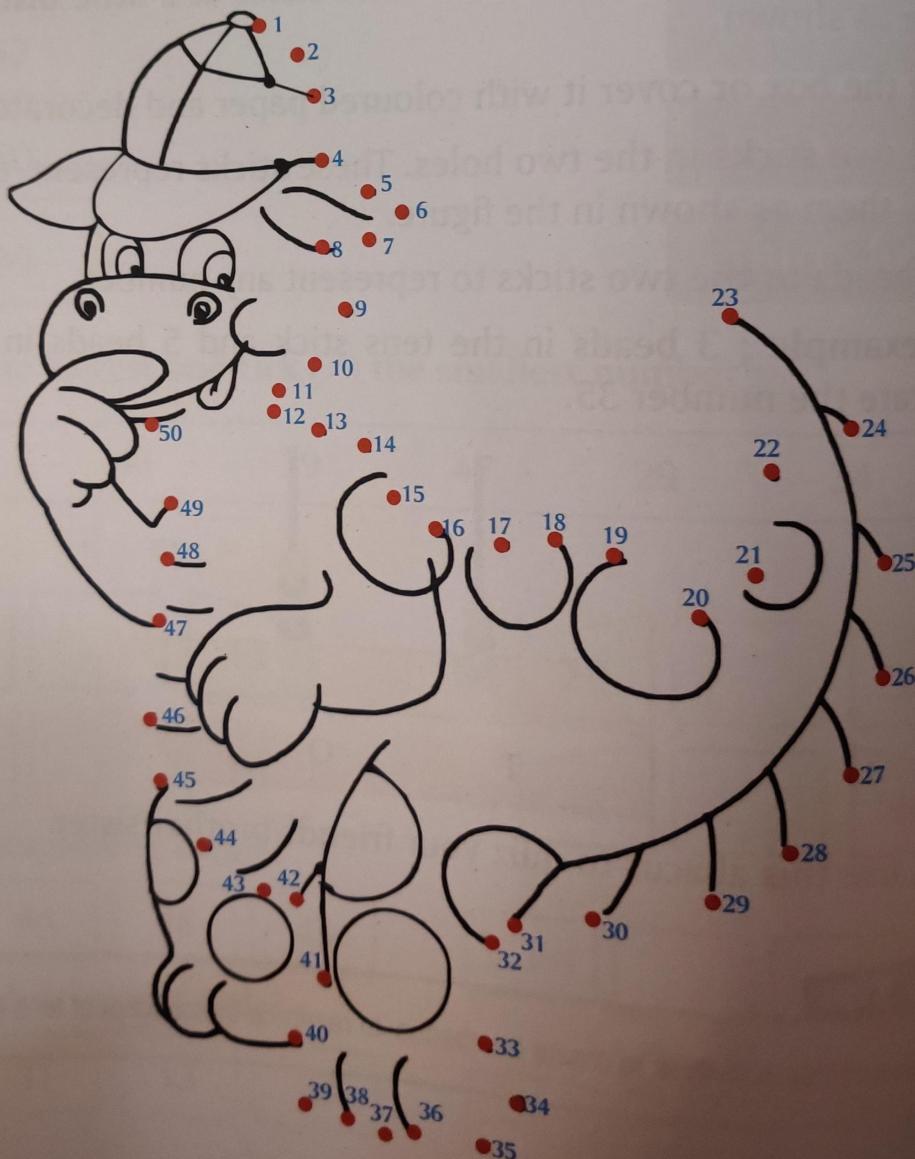
Lesson 8

Numbers up to 100

We have already learnt numbers up to 50. Let us quickly revise them.

Activity-1

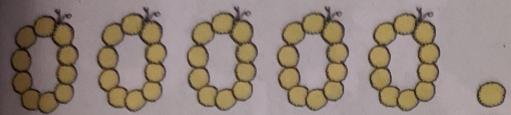
Join the dots and complete the picture and colour it :



Numbers 51 to 60

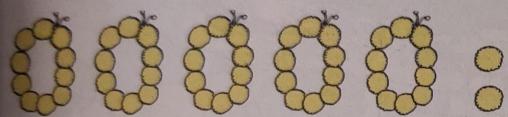
Mala is making garlands with flowers.
She uses 10 flowers to make 1 garland.

After making 5 garlands, some flowers are left.
Help her to count the flowers.



$$5 \text{ tens} + 1 \text{ one} = \text{fifty one}$$

$$50 + 1 = 51$$



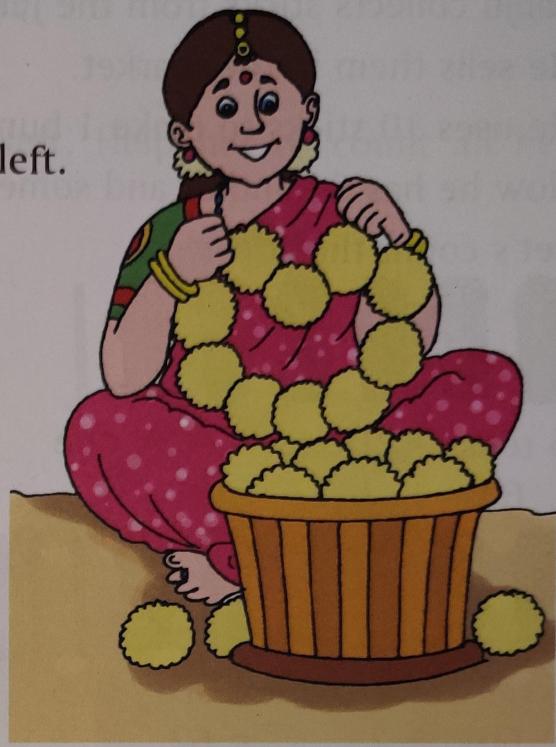
$$5 \text{ tens} + 2 \text{ ones} = \text{fifty two}$$

$$50 + 2 = 52$$

Help her to count the rest.

$$5 \text{ tens} + 3 \text{ ones} = \text{fifty three}$$

$$50 + 3 = 53$$



$$5 \text{ tens} + 4 \text{ ones} = \text{fifty four}$$

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

$$5 \text{ tens} + 5 \text{ ones} = \text{fifty five}$$

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

$$5 \text{ tens} + 6 \text{ ones} = \text{fifty six}$$

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

$$5 \text{ tens} + 7 \text{ ones} = \text{fifty seven}$$

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

$$5 \text{ tens} + 8 \text{ ones} = \text{fifty eight}$$

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

$$5 \text{ tens} + 9 \text{ ones} = \text{fifty nine}$$

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

$$5 \text{ tens} + 10 \text{ ones} = \text{sixty, or}$$

$$6 \text{ tens} + 0 \text{ ones} = \text{sixty}$$

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

Numbers 61 to 70

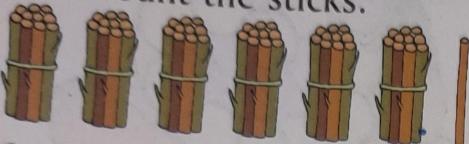
Sanju collects sticks from the jungle.

He sells them in the market.

He uses 10 sticks to make 1 bundle.

Now he has 6 bundles and some loose sticks.

Let's count the sticks.



$$6 \text{ tens} + 1 \text{ one} = \text{sixty one}$$

$$60 + 1 = 61$$



$$6 \text{ tens} + 2 \text{ ones} = \text{sixty two}$$

$$60 + 2 = 62$$



Help him to count the rest.

$$6 \text{ tens} + 3 \text{ ones} = \text{sixty three}$$

$$60 + 3 = 63$$

$$6 \text{ tens} + 5 \text{ ones} = \text{sixty five}$$

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

$$6 \text{ tens} + 7 \text{ ones} = \text{sixty seven}$$

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

$$6 \text{ tens} + 9 \text{ ones} = \text{sixty nine}$$

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

$$6 \text{ tens} + 4 \text{ ones} = \text{sixty four}$$

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

$$6 \text{ tens} + 6 \text{ ones} = \text{sixty six}$$

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

$$6 \text{ tens} + 8 \text{ ones} = \text{sixty eight}$$

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

$$6 \text{ tens} + 7 \text{ tens} + 10 \text{ ones} = \text{seventy, or}$$

$$70 + 10 = 80$$

$$70 + 0 = 70$$

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

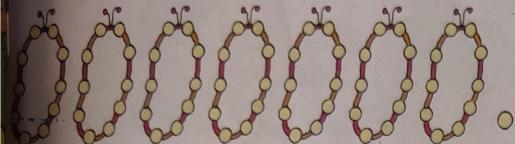
Numbers 71 to 80

Kajal likes collecting different coloured beads.

She makes a garland from 10 beads.

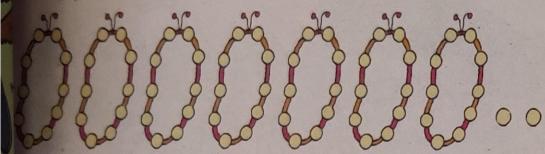
After making 7 garlands, some beads are left. Help her to count all her beads.

Now, count all the beads.



$$7 \text{ tens} + 1 \text{ one} = \text{seventy one}$$

$$70 + 1 = 71$$



$$7 \text{ tens} + 2 \text{ ones} = \text{seventy two}$$

$$70 + 2 = 72$$

Help her to count the rest.

$$7 \text{ tens} + 3 \text{ ones} = \text{seventy three}$$

$$70 + 3 = 73$$

$$7 \text{ tens} + 4 \text{ ones} = \text{seventy four}$$

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

$$7 \text{ tens} + 5 \text{ ones} = \text{seventy five}$$

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

$$7 \text{ tens} + 6 \text{ ones} = \text{seventy six}$$

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

$$7 \text{ tens} + 7 \text{ ones} = \text{seventy seven}$$

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

$$7 \text{ tens} + 8 \text{ ones} = \text{seventy eight}$$

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

$$7 \text{ tens} + 9 \text{ ones} = \text{seventy nine}$$

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

$$7 \text{ tens} + 10 \text{ ones} = \text{eighty, or}$$

$$8 \text{ tens} + 0 \text{ ones} = \text{eighty}$$

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



Numbers 81 to 90

Mirchi Chachi wants to sell her carrots in the market.

She wants to count them.

She puts 10 carrots in one basket.

After filling 8 baskets, some carrots are still left. Help her to count all carrots.



$$8 \text{ tens} + 1 \text{ one} = \text{eighty one}$$

$$80 + 1 = 81$$



$$8 \text{ tens} + 2 \text{ ones} = \text{eighty two}$$

$$80 + 2 = 82$$

Help her to count the rest.

$$8 \text{ tens} + 3 \text{ ones} = \text{eighty three}$$

$$80 + 3 = 83$$

$$8 \text{ tens} + 5 \text{ ones} = \text{eighty five}$$

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

$$8 \text{ tens} + 7 \text{ ones} = \text{eighty seven}$$

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

$$8 \text{ tens} + 9 \text{ ones} = \text{eighty nine}$$

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



$$8 \text{ tens} + 4 \text{ ones} = \text{eighty four}$$

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

$$8 \text{ tens} + 6 \text{ ones} = \text{eighty six}$$

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

$$8 \text{ tens} + 8 \text{ ones} = \text{eighty eight}$$

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

$$8 \text{ tens} + 10 \text{ ones} = \text{ninety, or}$$

$$9 \text{ tens} + 0 \text{ ones} = \text{ninety}$$

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

Numbers 91 to 100

Leela has some *laddoos*.

She puts 10 *laddoos* in a jar.

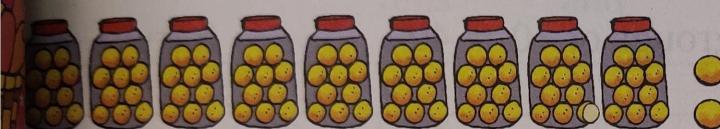
After filling 9 jars, some *laddoos* are still left.

Let us help her count the *laddoos*.



$$9 \text{ tens} + 1 \text{ one} = \text{ninety one}$$

$$90 + 1 = 91$$



$$9 \text{ tens} + 2 \text{ ones} = \text{ninety two}$$

$$90 + 2 = 92$$

Help her to count the rest.

$$9 \text{ tens} + 3 \text{ ones} = \text{ninety three}$$

$$90 + 3 = 93$$

$$9 \text{ tens} + 5 \text{ ones} = \text{ninety five}$$

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

$$9 \text{ tens} + 7 \text{ ones} = \text{ninety seven}$$

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

$$9 \text{ tens} + 9 \text{ ones} = \text{ninety nine}$$

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



$$9 \text{ tens} + 4 \text{ ones} = \text{ninety four}$$

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

$$9 \text{ tens} + 6 \text{ ones} = \text{ninety six}$$

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

$$9 \text{ tens} + 8 \text{ ones} = \text{ninety eight}$$

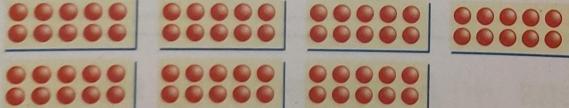
$$\boxed{} + \boxed{} = \boxed{}$$

$$9 \text{ tens} + 10 \text{ ones} = \text{hundred, or}$$

$$10 \text{ tens} + 0 \text{ ones} = \text{hundred}$$

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

Counting in Tens

	1 group of 10 = 10	ten
	2 groups of 10 = 20	twenty
	3 groups of 10 = 30	thirty
	4 groups of 10 = 40	forty
	5 groups of 10 = 50	fifty
	6 groups of 10 = 60	sixty
	7 groups of 10 = 70	seventy
	8 groups of 10 = 80	eighty
	9 groups of 10 = 90	ninety
	10 groups of 10 = 100	one hundred

Activity-2

Complete the table.

64	6 tens and 4 ones	sixty four
72	<input type="text"/> tens and 2 ones
58	<input type="text"/> tens and 8 ones
<input type="text"/>	<input type="text"/> tens and 9 ones	seventy nine
67	6 tens and <input type="text"/> ones
88	<input type="text"/> tens and <input type="text"/> ones	eighty eight
70	<input type="text"/> tens and <input type="text"/> ones
96	<input type="text"/> tens and <input type="text"/> ones
<input type="text"/>	<input type="text"/> tens and <input type="text"/> one	eighty one
60	<input type="text"/> tens and <input type="text"/> ones
<input type="text"/>	7 tens and 5 ones
<input type="text"/>	5 tens and 3 ones

Activity-3

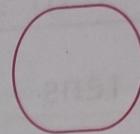
1. Use $>$, $<$ or $=$:

74



73

69



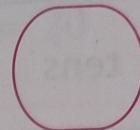
69

90



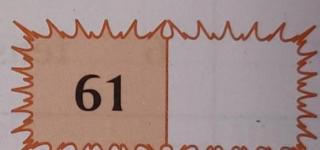
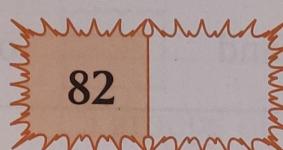
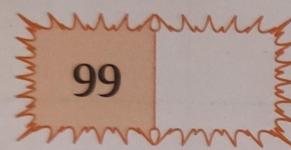
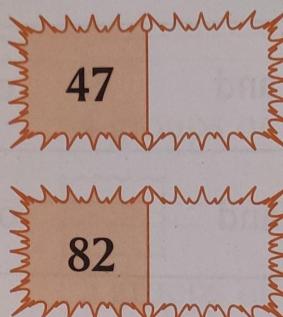
89

57

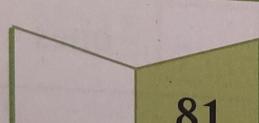
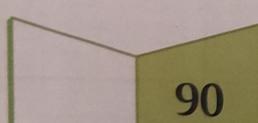
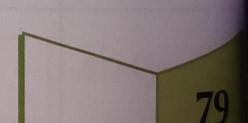
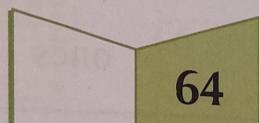
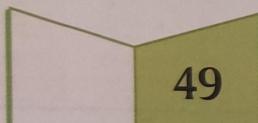


75

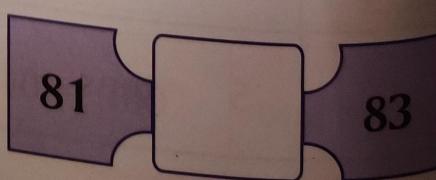
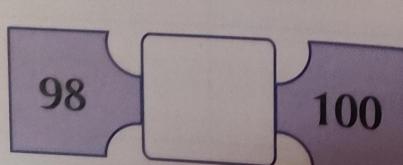
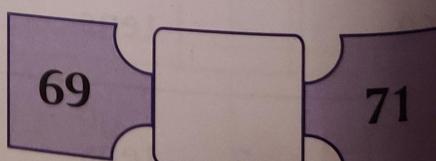
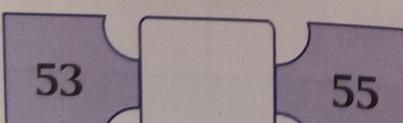
2. What comes just after :



3. What comes just before :

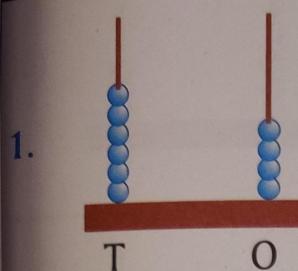


4. What comes in between :

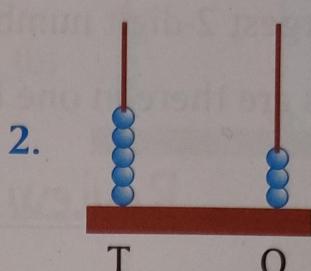


Activity-4

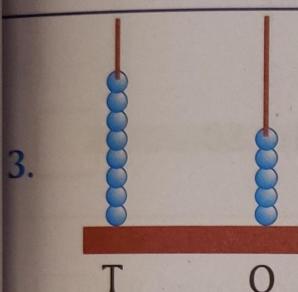
Write the number as shown on the abacus :



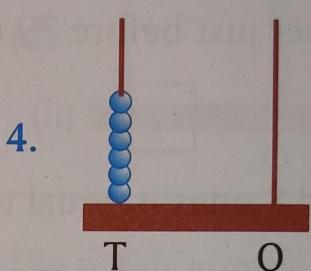
T	O



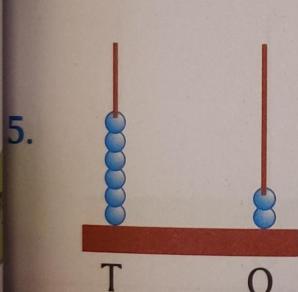
T	O



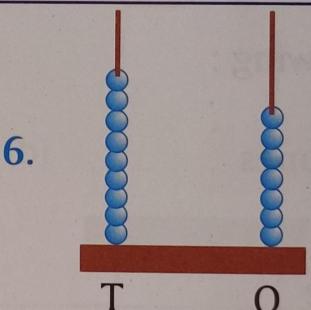
T	O



T	O



T	O



T	O

Fun Time

I have three digits 5, 2 and 8.

Using these, form as many two digit numbers as you can.

25

Which is the largest number ?

Which is the smallest number ?

Which is the smallest 2-digit number?

Which is the largest 2-digit number?

How many tens are there in one hundred?

Review Exercise

1. Tick (✓) the correct answer :

(a) The number just before 79 is

(i) 77

(ii) 78

(iii) 80

(b) 9 tens and 8 ones is equal to

(i) 89

(ii) 90

(iii) 98

2. Match the following :

8 tens 0 ones

75

sixty nine

80

ninety one

56

7 tens 5 ones

89

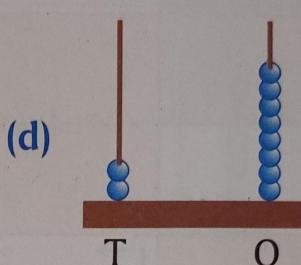
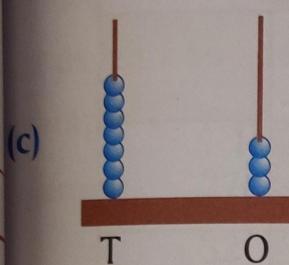
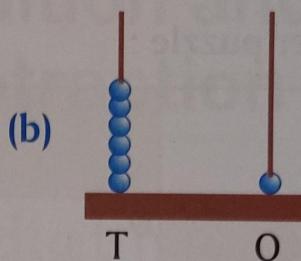
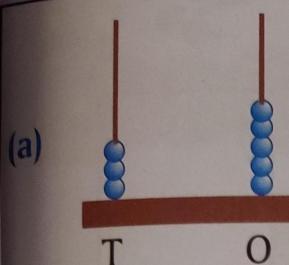
5 tens 6 ones

91

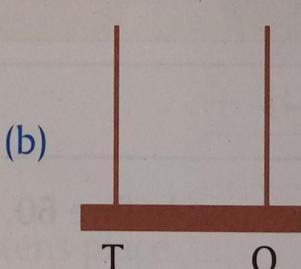
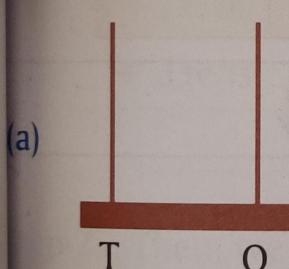
eighty nine

69

3. Write the number as shown on the abacus :



4. Draw beads on the abacus to show the given number :



5. Use $>$, $<$ or $=$:

53	<input type="text"/>	73
----	----------------------	----

99	<input type="text"/>	88
----	----------------------	----

87	<input type="text"/>	78
----	----------------------	----

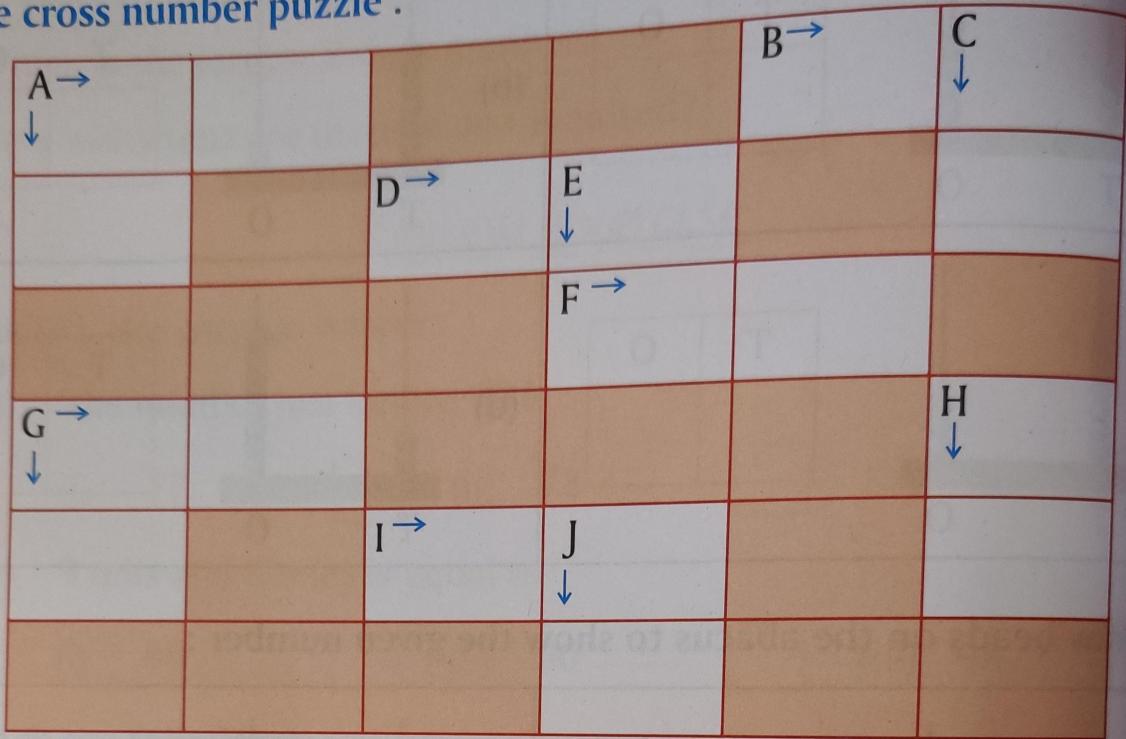
71	<input type="text"/>	71
----	----------------------	----

92	<input type="text"/>	62
----	----------------------	----

76	<input type="text"/>	66
----	----------------------	----

Maths Lab Activity

Fill the cross number puzzle :



Across →

- (A) comes just before 60.
- (B) Forty six
- (D) Which is greater : 89 or 98?
- (F) 8 tens + 0 ones
- (G) 73, , 75
- (I) Sixty four

Down ↓

- (A) 5 tens + 4 ones
- (C) 66 comes just after
- (E) Eighty eight
- (G) 7 tens and 1 one
- (H) Which is smallest : 56, 67 or 78
- (J) Forty three