



CLICK HERE TO ACTIVATE

LESSON
PART 1



1

+ - \times \div + - \times \div + - \times \div + - \times \div



NUMBERS

READY ... STEADY

Write the numbers from 1 to 100.

1									10
11									
21									
31									
41									
51									
61									
71									
81									
91									100

Write the number and number name.

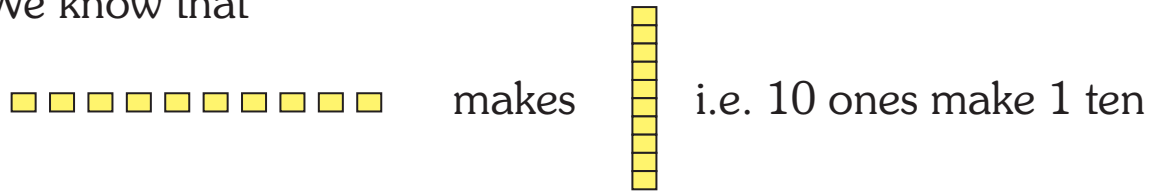
- 7 tens and 1 one =
- 6 tens and 4 ones =
- 5 tens and 8 ones =
- 9 tens and 2 ones =

5

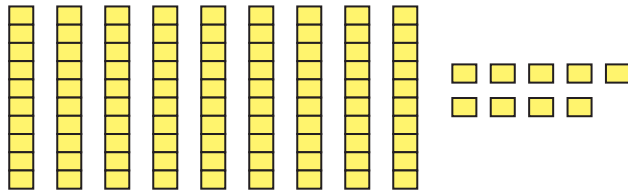


NUMBERS BEYOND 100

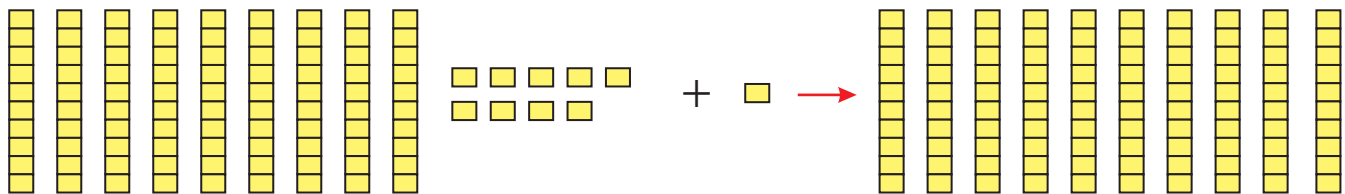
We know that



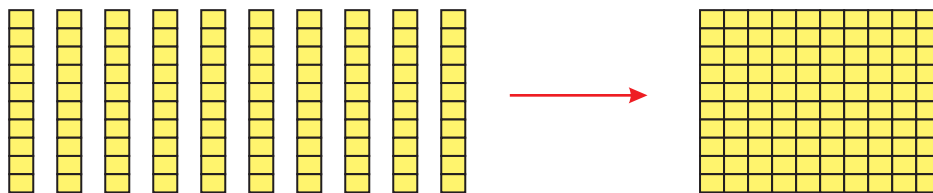
99 can be shown as :



Add 1 one to 99. We get 10 tens.



10 tens together make 1 hundred or 100.



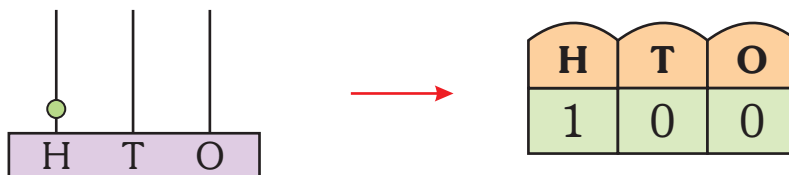
10 tens

make

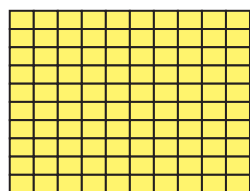
1 hundred

100 is a 3-digit number.

It can be shown on an abacus with 3 sticks.



The place value of 1 in 100 is one hundred.



$$100 + 1 = 101$$

H	T	O
1	0	1

The number name for 101 is **one hundred one**.

Write the numbers from 101 to 200.

101									
									200

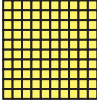
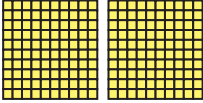
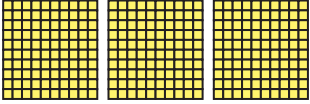
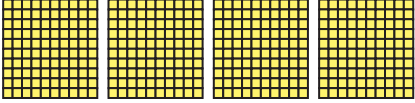
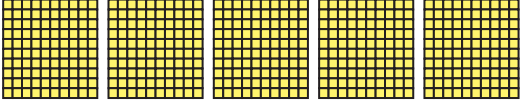
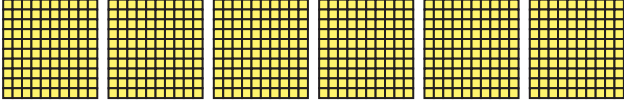
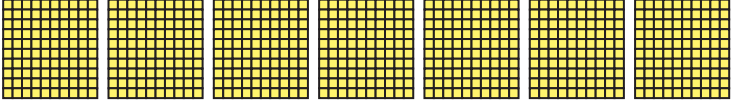
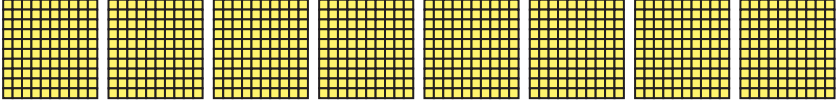
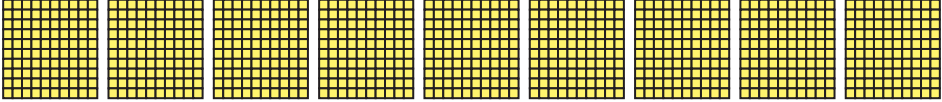

If you know numbers 101 to 200, then writing numbers upto 999 is very easy.

Write the next 5 numbers.

306					
497					
515					
648					
720					
839					



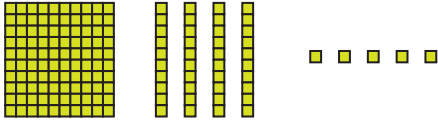
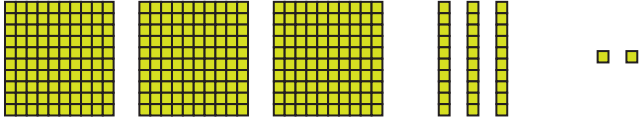
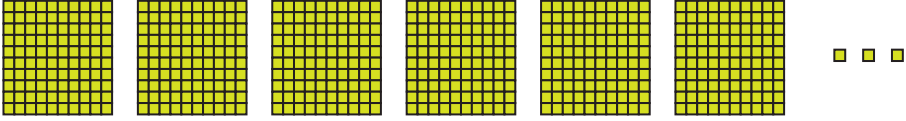
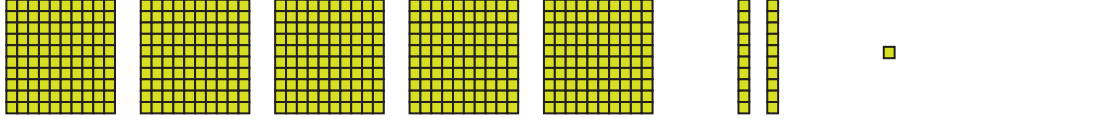
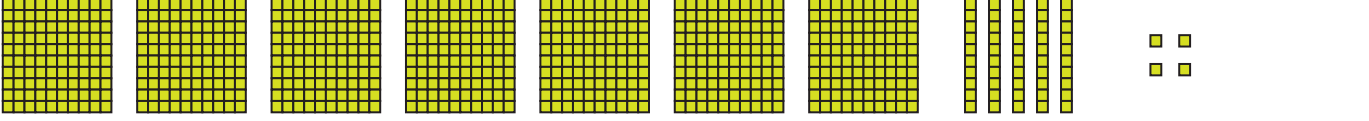
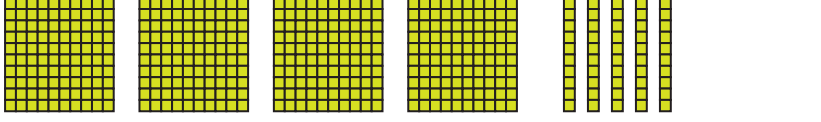
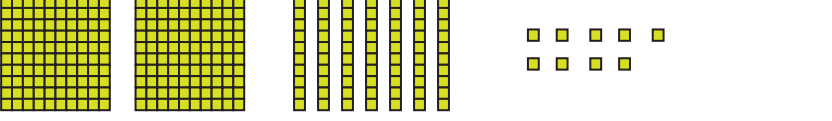
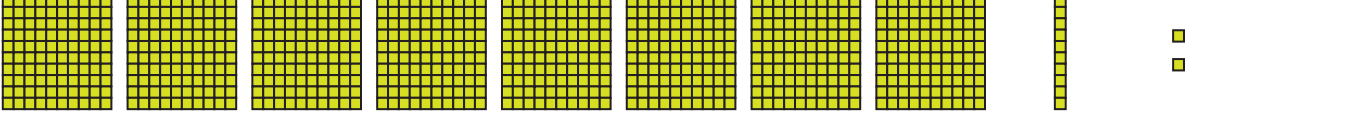
Counting in hundreds.

	100 One hundred
	200 Two hundred
	300 Three hundred
	400 Four hundred
	500 Five hundred
	600 Six hundred
	700 Seven hundred
	800 Eight hundred
	900 Nine hundred
	1000 One thousand

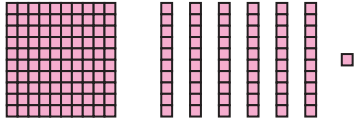
Note : Ten hundreds make ONE THOUSAND

HUNDREDS, TENS AND ONES

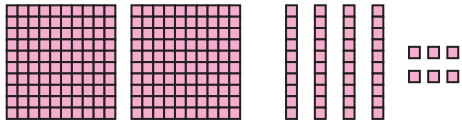
Fill in the blanks.

 _____ + _____ + _____ = _____
 _____ + _____ + _____ = _____
 _____ + _____ = _____
 _____ + _____ + _____ = _____
 _____ + _____ + _____ = _____
 _____ + _____ = _____
 _____ + _____ + _____ = _____
 _____ + _____ + _____ = _____

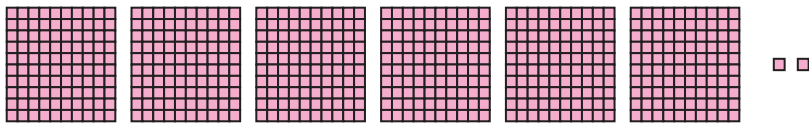
Write the numbers and number names.



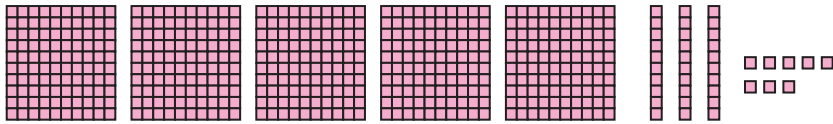
H	T	O
1	6	1



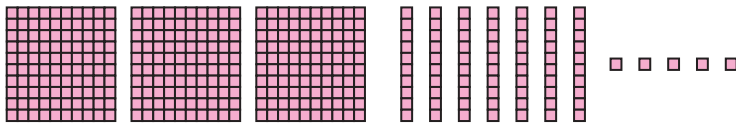
H	T	O



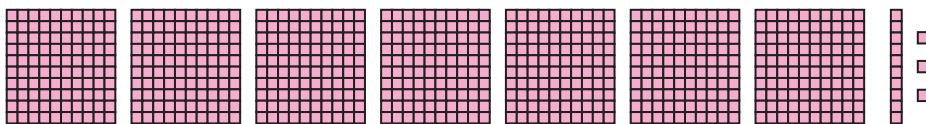
H	T	O



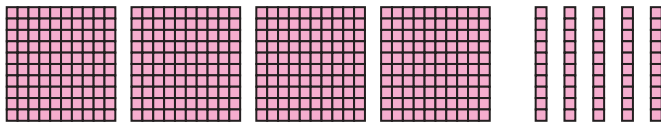
H	T	O



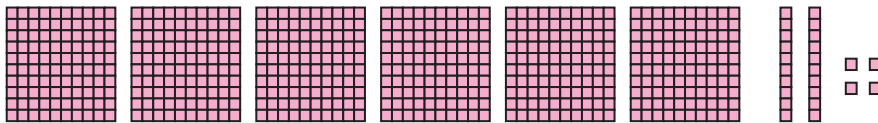
H	T	O



H	T	O



H	T	O



H	T	O

MATHS LAB

Objective : To learn how to display 3-digit number on the abacus

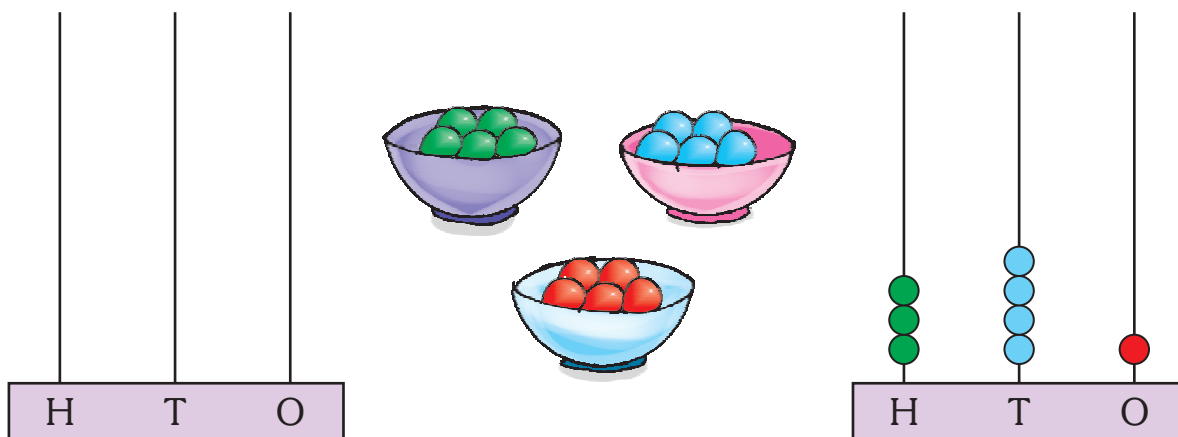
Materials Required : An abacus with 3 rods, beads in three different colours and 3-digit number cards

Steps :

1. Give an abacus with beads and 4 or 5 number cards to each pair of students.
2. Ask the students to take one card at a time, read the number carefully.
3. Use the abacus and the beads to show the number on abacus.

Say the number is 341.

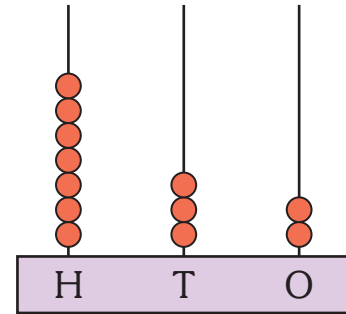
Ask the students to place three green beads in hundreds rod and four blue beads in tens rod, and one red bead in ones rod.



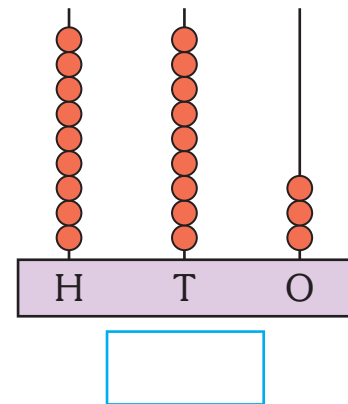
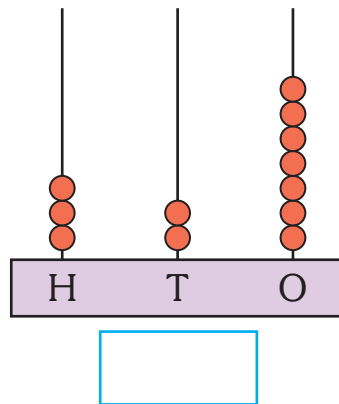
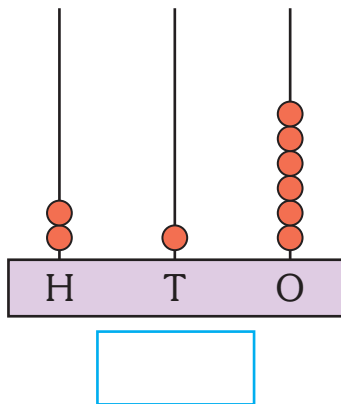
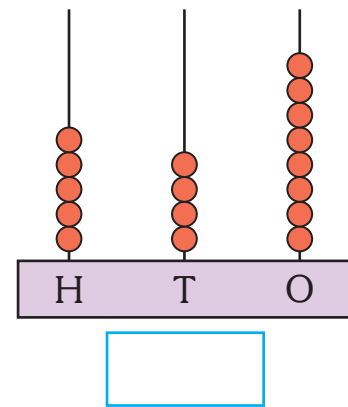
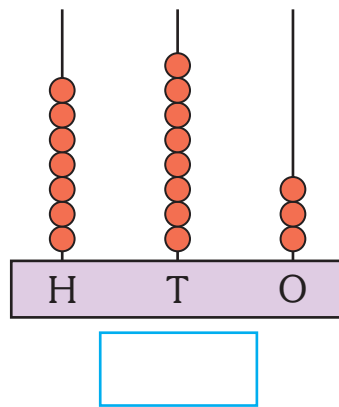
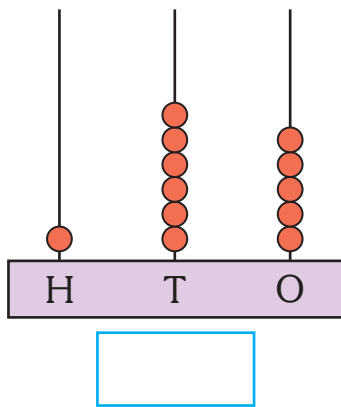
4. Check periodically to see if they are doing it correctly.
5. Once they have used all their cards, ask them to exchange the cards with others and let them continue the activity.

NUMBERS ON THE ABACUS

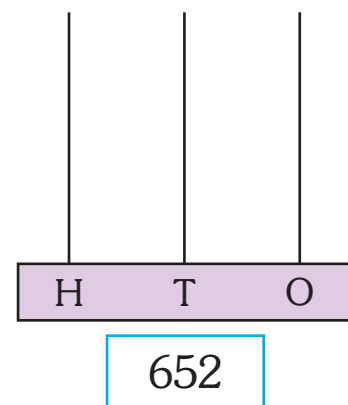
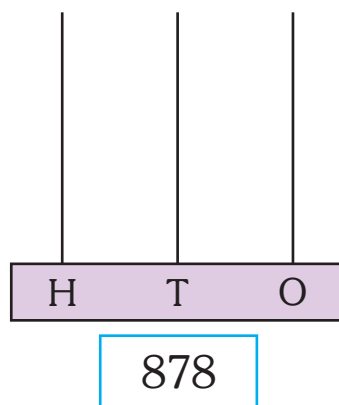
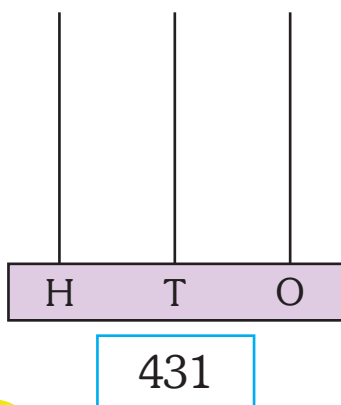
We can show any number by using an abacus. For example, to show 732, we place 7 beads on hundreds rod, 3 beads on tens rod and 2 beads on ones rod.



Write the numbers shown on the abacus.



Show the given numbers on the abacus.



Write the numbers that come before.

<input type="text"/>	18	<input type="text"/>	475	<input type="text"/>	745
<input type="text"/>	561	<input type="text"/>	267	<input type="text"/>	634
<input type="text"/>	290	<input type="text"/>	323	<input type="text"/>	156
<input type="text"/>	802	<input type="text"/>	919	<input type="text"/>	378

Write the numbers that come after.

492	<input type="text"/>	127	<input type="text"/>	762	<input type="text"/>
281	<input type="text"/>	687	<input type="text"/>	515	<input type="text"/>
508	<input type="text"/>	619	<input type="text"/>	950	<input type="text"/>
333	<input type="text"/>	409	<input type="text"/>	844	<input type="text"/>

Write the numbers that come between.

776	<input type="text"/>	778	995	<input type="text"/>	997
387	<input type="text"/>	389	864	<input type="text"/>	866
230	<input type="text"/>	232	162	<input type="text"/>	164
418	<input type="text"/>	420	509	<input type="text"/>	511

PLACE VALUE

H	T	O
2	3	9

239 is a 3-digit number.

2 is in the hundreds place. Its place value in 239 is 2 hundred or 200.

3 is in the tens place. Its place value in 239 is 3 tens or 30.

9 is in the ones place. Its place value in 239 is 9 ones or 9.

Write the place values of the given digits in the numerals.

2 in 423

1 in 341

2 in 525

3 in 236

3 in 673

7 in 788

6 in 769

1 in 401

4 in 824

9 in 904

1 in 156

8 in 587

EXPANDED FORM

$239 = 2 \text{ hundreds} + 3 \text{ tens} + 9 \text{ ones} = 200 + 30 + 9$

This is called the expanded form of 239.

Write the expanded form of the following numbers.

328 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

712 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

457 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

601 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

939 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

560 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

843 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

COMPARISON OF 3-DIGIT NUMBERS

Rules for comparing two numbers

- ◆ A number with more digits is always greater.
- ◆ When the digits in hundreds place are equal, then the number with more number of tens is greater.
- ◆ When the digits in tens place are also equal, then the number with more number of ones is greater.
- ◆ When all the digits are same, the numbers are equal.

Example : Compare 439 and 451.

Solution : **Step 1 :** Compare the number of digits. Both numbers have 3-digits.

Step 2 : Compare the hundreds digits. They are same.

Step 3 : Compare the tens digits. 3 is smaller than 5.

Therefore 439 is less than 451.

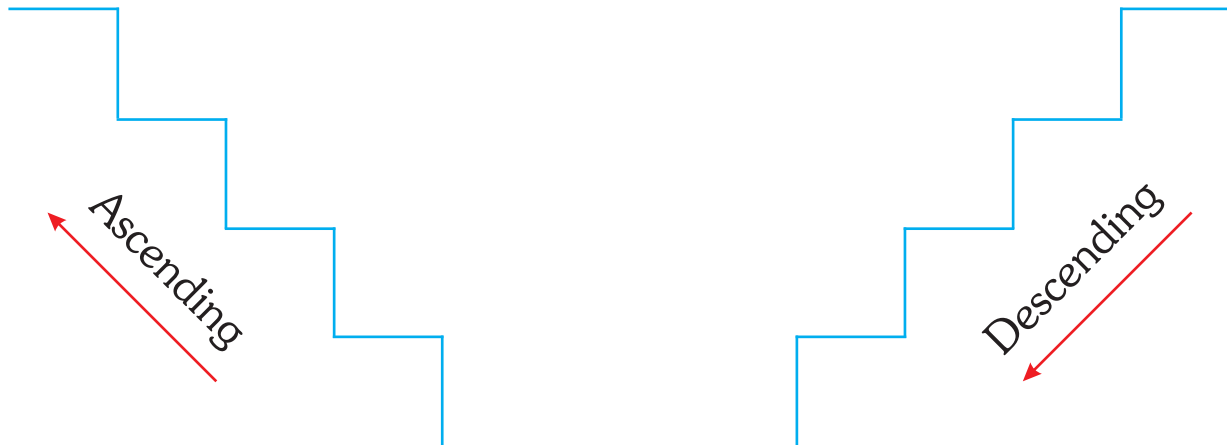
So, $439 < 451$.

Compare and write $>$, $<$ or $=$ in the circle.

171	○	393	506	○	297
231	○	382	107	○	695
520	○	489	914	○	348
642	○	485	781	○	781
542	○	259	873	○	972
536	○	536	760	○	814

ASCENDING AND DESCENDING ORDERS

- ◆ Arranging numbers from the smallest to the biggest in order is called **increasing order** or **ascending order**.
- ◆ Arranging numbers from the biggest to the smallest in order is called **decreasing order** or **descending order**.



Arrange the following numbers in ascending order.

535	144	213	198
-----	-----	-----	-----

--	--	--	--

223	352	486	727
-----	-----	-----	-----

--	--	--	--

414	305	661	979
-----	-----	-----	-----

--	--	--	--

Arrange the following numbers in descending order.

396	886	452	838
-----	-----	-----	-----

--	--	--	--

577	781	939	744
-----	-----	-----	-----

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287	696	161	525
-----	-----	-----	-----

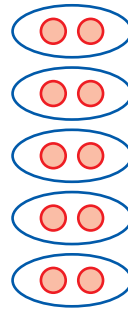
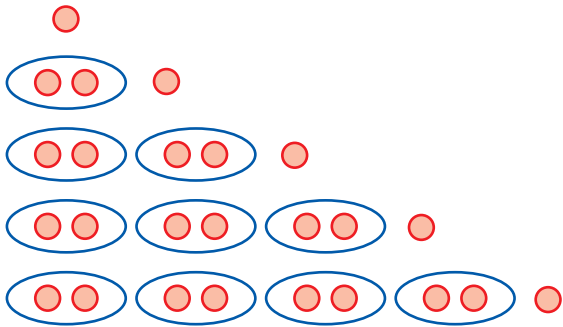
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ODD AND EVEN NUMBERS

Any number that can be made into pairs is an **even number**.

Or

The numbers that have 0, 2, 4, 6 or 8 in the ones place are called **even numbers**.



Any number that cannot be made into pairs is an **odd number**.

Or

The numbers that have 1, 3, 5, 7 or 9 in the ones place are called **odd numbers**.

Select the even numbers and write in the space provided.

54	23	83	64	90
92	62	71	8	55
85	11	79	66	48
98	39	47	76	15
57	39	18	64	31
42	51	78	23	29

Select the odd numbers and write in the space provided.

34 38 41 36 25

43 69 24 17 28

52 11 90 51 18

64 52 89 98 77

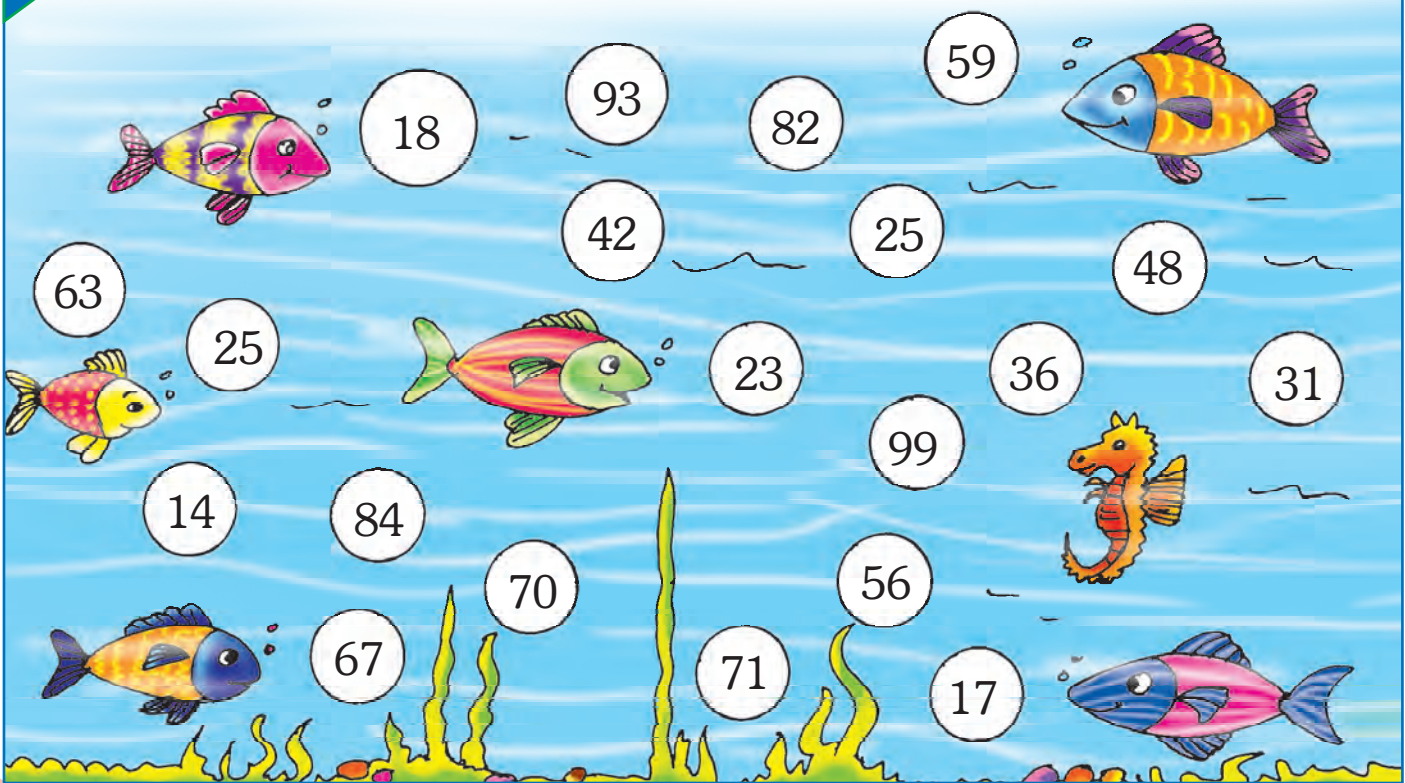
63 83 76 72 45

**FUN
ACTIVITY**

Identify the odd and even numbers.

Colour all the odd-numbered bubbles **blue**.

Colour all the even-numbered bubbles **green**.



WORKSHEET

Write the even numbers from 1 to 10.

Write the odd numbers from 31 to 40.

Arrange the following in the ascending order.

(347) (236) (105) (249) (913) _____

(358) (282) (997) (836) (154) _____

Arrange the following in the descending order.

(164) (718) (425) (979) (616) _____

(439) (872) (681) (503) (524) _____

Write the numbers that come before, between and after.

<input type="text"/>	541		639	<input type="text"/>	641		974	<input type="text"/>
<input type="text"/>	128		752	<input type="text"/>	754		863	<input type="text"/>

Write expanding form of the following numbers.

683 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

712 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

657 = ___ hundreds + ___ tens + ___ ones = ___ + ___ + ___

Answer the following.

1. How many even numbers are there below 10 ?
2. How many odd numbers are there between 80 and 100 ?