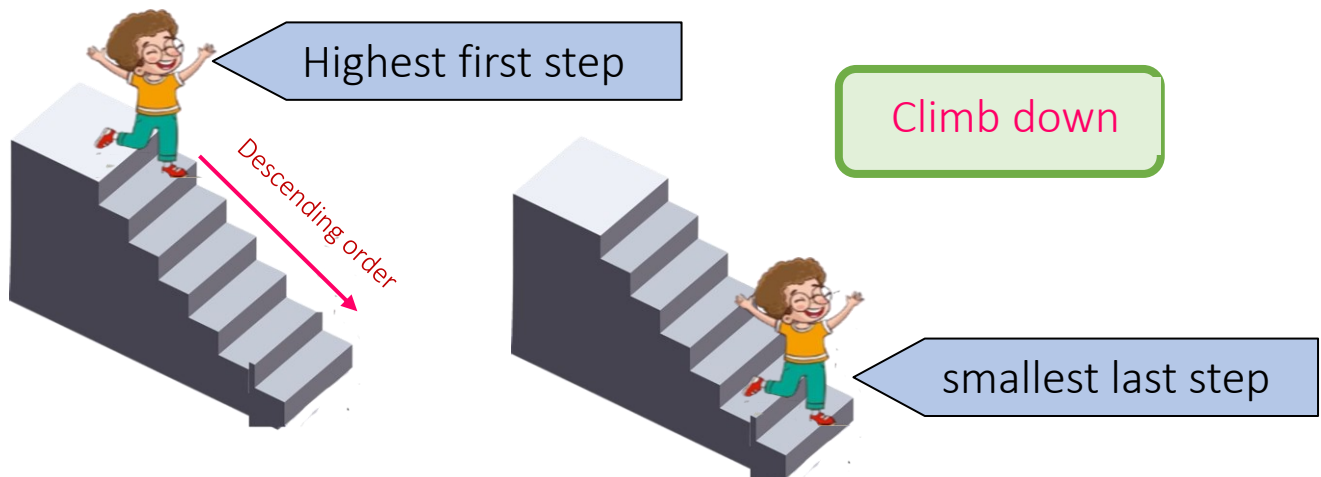


DESCENDING ORDER

Descending order

- Descending means **going down**
- Descending order means from the **bigger number to smaller number**.
- In descending order we arrange the numbers
Descending from **greatest to the smallest**.
- When we **climb down the stairs** we say **descending** the step.
- The number always keep on **decreasing** and the **biggest** number comes **first**



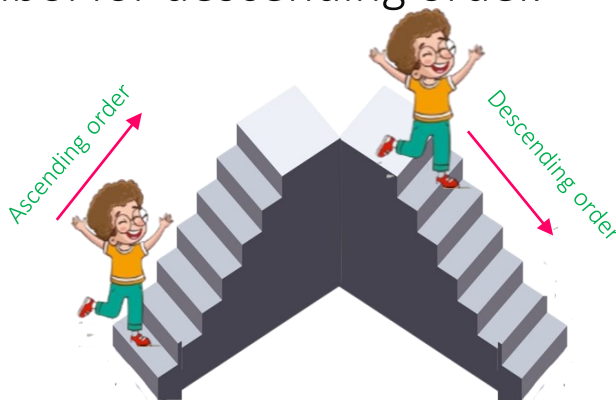
To arrange numbers in descending order,

- ❖ Count the number of digits.
- ❖ Write the biggest number first.
- ❖ Move forward towards the smallest values.
- ❖ Use greater than(>) symbol for descending order.

Biggest number at the left.
Smallest number at the right.

For example,

$$5 > 4 > 3 > 2 > 1$$



Ascending or increasing order



3



4



5



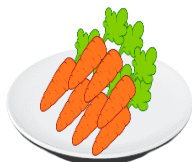
4



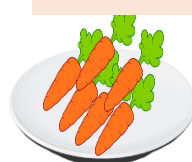
7

The numbers have been arranged from the smallest to the biggest. This order of arrangement is called 'Ascending order'

Descending or decreasing order



7



6



5



6



3

The numbers have been arranged from the biggest to the smallest. This order of arrangement is called 'Descending order'

Example : 1

Arrange the pizza pieces in descending order



7 pieces



3 pieces



5 pieces



4 pieces

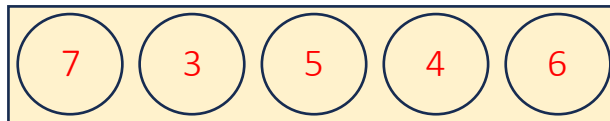


6 pieces

There are 5 numbers of pizza plates.

Try to find the biggest number one by one among 7, 3, 5, 4, 6.

Solution:



The first biggest number is **7**.

Remaining numbers are 3, 5, 4, 6.

The biggest number is **6**.

Remaining numbers are 3, 5, 4.

The biggest number is **5**.

Remaining numbers are 3, 4.

The biggest number is **4**.

Remaining number is 3.

The smallest number is **3**.

The order will be, **7, 6, 5, 4, 3**.

Therefore, the descending order is,

$$7 > 6 > 5 > 4 > 3$$



7 pieces

>



6 pieces

>



5 pieces

>



4 pieces

>



3 pieces

Example: 2

Arrange the number in ascending and descending order.

5, 4, 6, 9, 3, 8

Ascending order

Write the smallest number first. Move forward towards the larger values.

3, 4, 5, 6, 8, 9

Therefore, the ascending order is,

$$3 < 4 < 5 < 6 < 8 < 9$$

Descending order

Write the biggest number first. Move forward towards the smaller values.

9, 8, 6, 5, 4, 3

Therefore, the descending order will be,

$$9 > 8 > 6 > 5 > 4 > 3$$

Example: 3

Here, the age of the girls is given below. Arrange the numbers in Descending order.



25 age



22 age



28 age



20 age



29 age

- First see the tens place, 25, 22, 28, 20, 29.
- All tens (2) are same.

- So, now look at the ones 25, 22, 28, 20, 29. Ones place = 5, 2, 8, 0, 9.
- Greatest ones 9 and smallest ones 0.
- The order of ones place: 9, 8, 5, 2, 0.
- So, we can arrange the number from greatest to the smallest.
- The order will be 29, 28, 25, 22, 20.

Note:
Smallest number at the right.
Biggest number at the left.

Therefore, the descending order is,

$$29 > 28 > 25 > 22 > 20$$

Example: 4

Arrange the numbers in Ascending order and Descending order.



Solution:

Ascending order:

We will write the numbers from smallest to the biggest like,

$$50, 60, 70, 80, 90$$

Therefore, the ascending order is,

$$50 < 60 < 70 < 80 < 90$$

Descending order

We will write the numbers from biggest to smallest,

90, 80, 70 , 60, 50

Therefore, the descending order is,

$$90 > 80 > 70 > 60 > 50$$

Example: 5

Arrange the number in ascending and descending order:

14, 8, 24, 32, 12, 76, 64, 85, 91, 41

Solution:

Ascending order:

We will write the number from smallest to biggest.

So the order will be, **8, 12, 14, 24, 32, 41, 64, 76, 85, 91.**

Therefore, the ascending order is,

$$8 < 12 < 14 < 24 < 32 < 41 < 64 < 76 < 85 < 91$$

Descending order:

We will write the number from biggest to the smallest.

So the order will be, **91, 85, 76, 64, 41, 32, 24, 14, 12, 8.**

Therefore, the descending order is,

$$91 > 85 > 76 > 64 > 41 > 32 > 24 > 14 > 12 > 8$$

