

# Ascending and decedending order

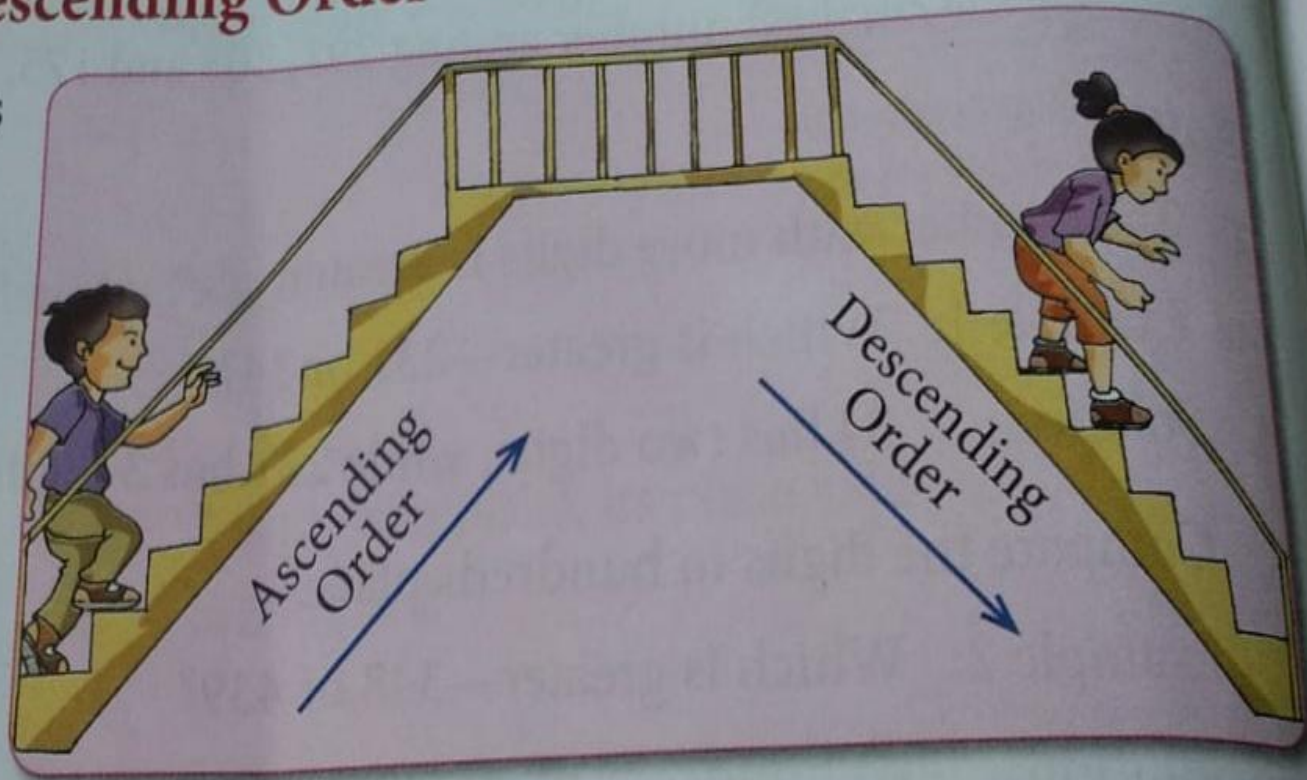
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# Ascending and descending order :-

## Ascending and Descending Order

Ascending order means from the smallest number to the greatest number ( $<$ ).

Descending order means from the greatest number to the smallest number ( $>$ ).



## Rules:

1. The number with more digits is greater.

**Example 1:** Which is greater—231 or 34?

**Solution:** 34 has two digits, while 231 has 3 digits. So,  $231 > 34$ .

2. Compare the digits in hundreds place.

**Example 2:** Which is greater—348 or 439?

**Solution:** At hundreds place in the two numbers,  
we have 3 and 4,

Since  $4 > 3$

So,  $439 > 348$ .

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**Example 3:** In 437 and 459 – which is smaller?

**Solution:** Hundreds digit in both is the same  
Tens digits are 3 and 5

$$3 < 5 \quad (3 \text{ is smaller than } 5)$$

So,  $437 < 459$ .

## Remember

$>$  means "greater than"

$<$  means "smaller than"



If the digits in the hundreds and tens places are same, then we compare the ones places.

**Example 4:** In 761 and 768—which is smaller?

**Solution:** Hundreds and tens digits are same. So, we compare the ones digit.

$$\text{Since } 1 < 8 \quad (1 \text{ is smaller than } 8)$$

**Example 5:** Arrange the following numbers in ascending order.

346, 239, 156, 267, 343.

**Solution:** The numbers in the ascending order are

$156 < 239 < 267 < 343 < 346$ .

**Example 6:** Arrange the following numbers in descending order. Use sign ( $>$ ).

768, 936, 845, 374, 659.

**Solution:** The numbers in the descending order are

$936 > 845 > 768 > 659 > 374$ .

# Worksheet 1

# Write ascending order :-

A. Write these numbers in ascending order.

1. 9      4      8      5

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2. 23      22      28      21

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3. 34      37      29      36

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4. 66      23      12      44

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B. Arrange these numbers in ascending order.

1. 355      214      366      215      214 < 215 < 355 < 366

2. 353      234      342      543      \_\_\_\_\_

3. 499      500      399      400      \_\_\_\_\_

4. 203      600      302      106      \_\_\_\_\_

\_\_\_\_\_ in descending order



(a) 346, 364, 358, 385, 368

(b) 215, 715, 351, 315, 751

(c) 860, 858, 848, 808, 818

(d) 627, 672, 636, 663, 653

1. 618, 825, 611, 412, 481, 374

374 , 412 , 481 , 611 , 618 , 825

2. 429, 493, 442, 466, 487, 604

..... , ..... , ..... , ..... , .....

3. 504, 681, 739, 486, 317, 278

..... , ..... , ..... , ..... , .....

4. 328, 874, 725, 796, 870, 456

..... , ..... , ..... , ..... , .....

5. 829, 433, 286, 368, 428, 467

..... , .....

# worksheet 2

# Write in Decending order :-

**Write in decreasing order :**

1. 284, 839, 412, 809, 732, 439

.....839....., .....809....., .....732....., .....439....., .....412....., .....284.....

2. 464, 446, 493, 225, 208, 810

....., ..... , ..... , ..... , ..... , .....

3. 887, 845, 664, 898, 796, 604

....., ..... , ..... , ..... , ..... , .....

4. 477, 407, 470, 526, 457, 429

....., ..... , ..... , ..... , ..... , .....

5. 810, 813, 384, 929, 522, 746

....., ..... , ..... , ..... , ..... , .....

(a) 713, 822, 731, 228, 872

(b) 305, 407, 707, 506, 406

(c) 201, 715, 810, 310, 311

(d) 550, 635, 525, 625, 535

**6. Write in descending order (from the greatest to the smallest).**

(a) 199, 103, 187, 156, 176

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(b) 207, 4, 99, 916, 855

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(c) 423, 80, 432, 56, 531

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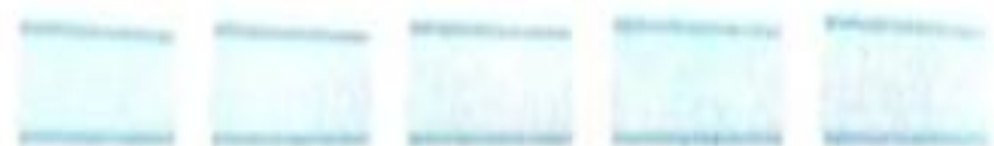
(d) 306, 603, 36, 63, 360

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(e) 771, 785, 715, 762, 791

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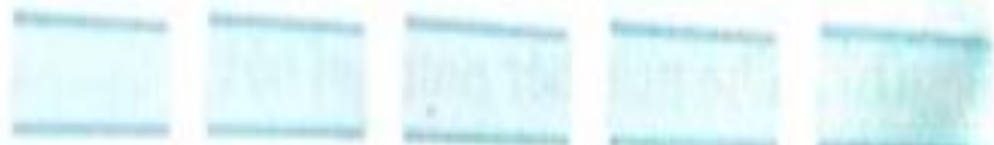
(a) 515, 523, 516, 509, 581



(b) 365, 635, 653, 356, 563



(c) 819, 189, 198, 981, 918



(d) 243, 303, 315, 232, 237



(e) 487, 459, 568, 563, 380



C. Arrange these numbers in descending order.

1. 400    673    537    376    673 > 537 > 400 > 376

2. 123    121    102    119    \_\_\_\_\_

3. 335    553    353    535    \_\_\_\_\_

4. 110    100    111    199    \_\_\_\_\_