

Worksheet-5

Subject: - Mathematics

Class: - III

Teacher: - Mrs. Neena Gupta

Name: _____ Class & Sec: _____ Roll No. _____ Date: ____ .04.2020

ASCENDING AND DESCENDING ORDER

When we arrange the numbers from smallest to greatest, the order is known as *ascending order* and when we arrange the numbers from greatest to smallest, the order is known as *descending order*.

Example: Look at the numbers given in the middle circles and their orders in the outer circle.

(a) ascending order



(b) descending order



EXERCISE 1 (D)

1. Arrange in ascending order.

(a) 4273, 3583, 4219, 7518

(b) 3625, 4368, 1458, 1225

(c) 4210, 2509, 3678, 6250

(d) 5764, 5675, 5442, 5224

2. Arrange in descending order.

(a) 4273, 3583, 4219, 7518

(b) 3625, 4368, 1458, 1225

(c) 4210, 2509, 3678, 6250

(d) 5764, 5675, 5442, 5224

SUCCESSOR AND PREDECESSOR

The number just after a given number is its **successor**. We add 1 to a number to get its successor.



The number just before a given number is its **predecessor**. We subtract 1 from a number to get its predecessor.

This is a different way of saying what comes after or what comes before.

Successor

$$245 + 1 = 246$$

$$392 + 1 = 393$$

$$411 + 1 = 412$$

$$599 + 1 = 600$$

$$1250 + 1 = 1251$$



Predecessor

$$245 - 1 = 244$$

$$392 - 1 = 391$$

$$411 - 1 = 410$$

$$599 - 1 = 598$$

$$1250 - 1 = 1249$$

Predecessor	Number	Successor
1549	1550	1551
4389	4390	4391
3199	3200	3201
5565	5566	5567

Running Sums.

- (a) $482 + 1$ added to 20 is _____.
- (b) How many times does the digit 5 appear in numbers 1 to 100 ?
- (c) Twice a number is 18. Five times that number will be _____.

IMPORTANT TERM: Successor: The number that comes after.

EXERCISE 1 (E)

1. Complete the table.

	Predecessor	Number	Successor
(a)		1999	
(b)		2459	
(c)		3810	
(d)		4516	

2. Write the successor of each of the following numbers.

- | | | |
|----------------|----------------|----------------|
| (a) 6990 _____ | (b) 2999 _____ | (c) 3598 _____ |
| (d) 7199 _____ | (e) 4399 _____ | (f) 999 _____ |
| (g) 5999 _____ | (h) 2358 _____ | (i) 3899 _____ |

3. Write the predecessor of each of the following numbers.

- | | | |
|----------------|----------------|----------------|
| (a) _____ 1649 | (b) _____ 4200 | (c) _____ 3586 |
| (d) _____ 3000 | (e) _____ 5281 | (f) _____ 2500 |
| (g) _____ 4628 | (h) _____ 6840 | (i) _____ 7620 |

4. Write 4 successors one after another and write the order.

- | | | | | | |
|----------|-------|-------|-------|-------|-----|
| (a) 3410 | _____ | _____ | _____ | _____ | () |
| (b) 6350 | _____ | _____ | _____ | _____ | () |
| (c) 7290 | _____ | _____ | _____ | _____ | () |
| (d) 145 | _____ | _____ | _____ | _____ | () |

5. Write 4 predecessors one after another and write the order.

- | | | | | | |
|----------|-------|-------|-------|-------|-----|
| (a) 4560 | _____ | _____ | _____ | _____ | () |
| (b) 5250 | _____ | _____ | _____ | _____ | () |
| (c) 8950 | _____ | _____ | _____ | _____ | () |
| (d) 8547 | _____ | _____ | _____ | _____ | () |