SESSION : 12
CLASS : 3
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 2
CHAPTER NAME : NUMBERS
SUBTOPIC : SUCCESSOR AND PREDECESSOR

CHANGING YOUR TOMORROW

The children will be able to:

*Find the predecessor or the successor of a

4-digit number.

SUCCESSOR AND PREDECESSOR

CHILDREN CAN YOU SAY????

i. Which is the smallest 3-digit number ?   **1 0 0**

ii. Which is the greatest 3-digit number ?   **9 9 9**

iii. If we add 1 to 999 which number do we get?   **1 0 0 0**

iv. Can you guess the greatest 4-digit number ?   **9 9 9 9**

SUCCESSOR AND PREDECESSOR

What do you mean by SUCCESSOR ?

It is the number that comes just after it. It is obtained by adding '**1**' to the number.

FOR EXAMPLE

| **999** | **+** | **1** | **=** | **1000** |

Greatest 3-digit number

Smallest 4-digit number

SUCCESSOR AND PREDECESSOR

What do you mean by PREDECESSOR ?

It is the number that comes just before it. It is obtained by subtracting '1' from the number.

FOR EXAMPLE

1000 **─** **1** **=** **999**

**Smallest 4-digit number**

Greatest 3-digit number

NUMBERS

SUCCESSOR AND PREDECESSOR

LETS SEE SOME EXAMPLES WITH 3-DIGIT NUMBERS

Predecessor (Just before)		Number		Successor (Just after)
729		730		**731**
399	**- 1**	400	**+ 1**	**401**
997		998		**999**

SUCCESSOR AND PREDECESSOR

LETS SEE SOME EXAMPLES WITH 4-DIGIT NUMBERS

Predecessor (Just before)		Number		Successor (Just after)
4604		4605		4606
3868	- 1	3869	+ 1	3870
6451		6452		6453

Exercise-2 B
Q.No - A, B - 2 to 10
in the notebook

SUCCESSOR AND PREDECESSOR
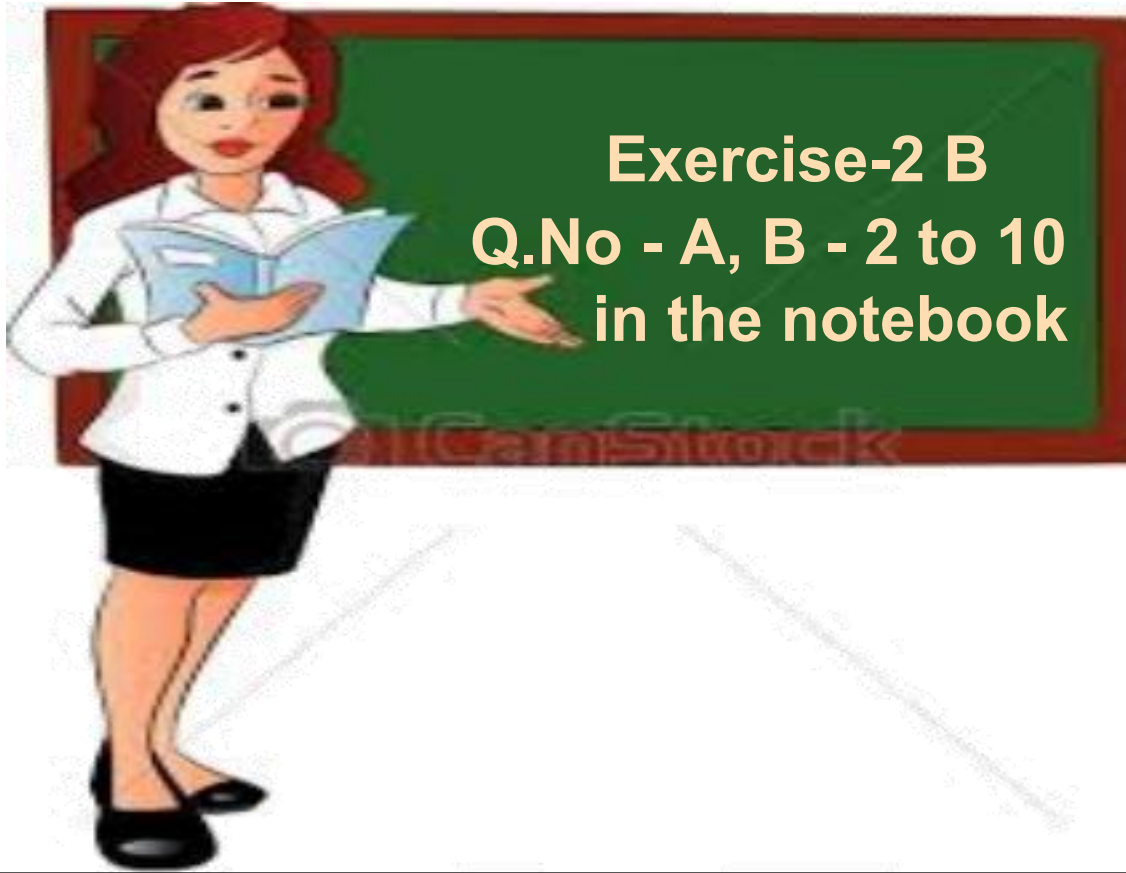
A. Write the successors of the following numbers.

2. 2475 2476

3. 3624 3625

4. 5317 5318

5. 4678 4679

6. 7549 7550

7. 2599 2600

8. 3509 3510

9. 4839 4840

10. 7299 7300

SUCCESSOR AND PREDECESSOR

> **B. Write the predecessors of the following numbers.**

2 3577   3578

3 6525   6526

4 1463   1464

5 4339   4340

6 7859   7860

7 2299   2300

8 4600   4601

9 5799   5800

10 2999   3000

NUMBERS

SUCCESSOR AND PREDECESSOR
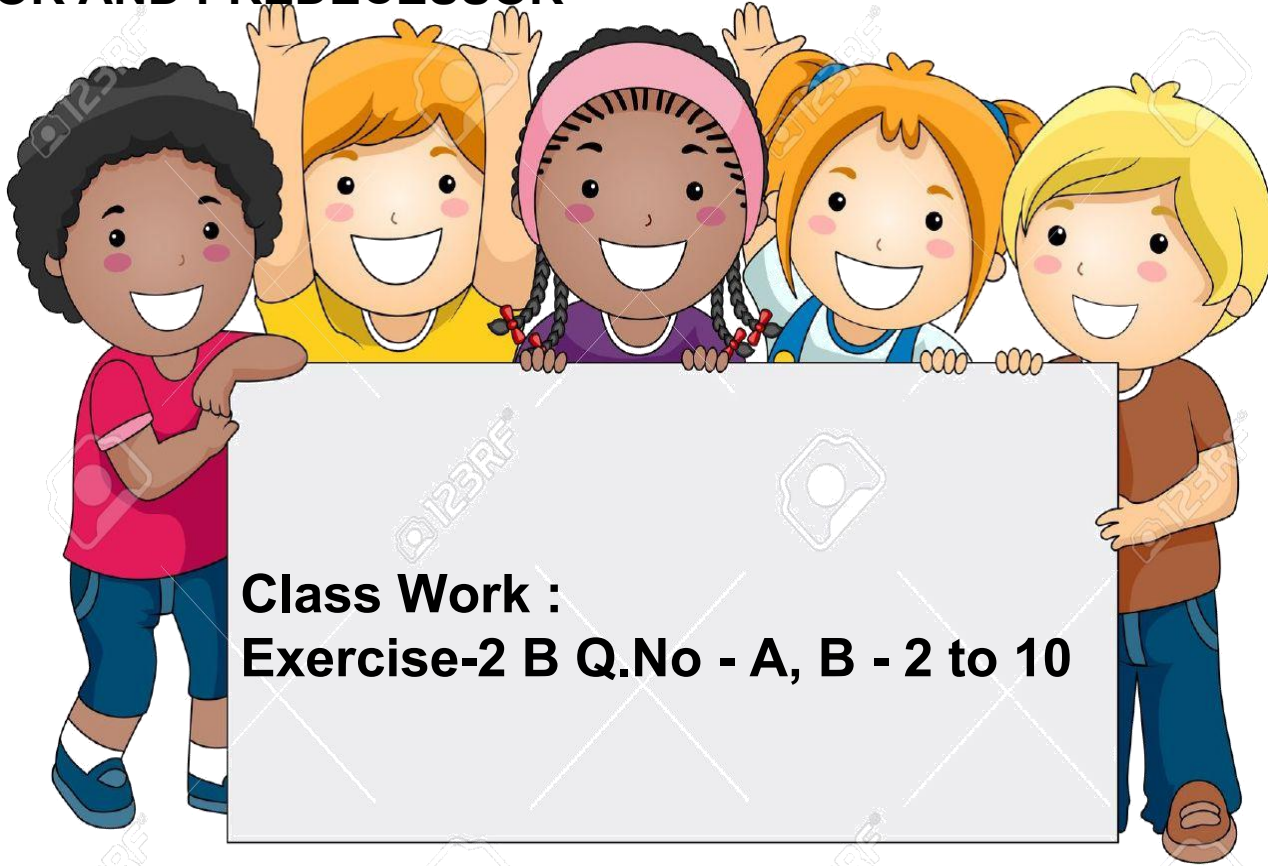
Class Work :
Exercise-2 B Q.No - A, B - 2 to 10

Children are confident to write the predecessor or the

successor of a 4-digit number.

THANKING YOU
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