SESSION	**: 10**
CLASS	**: IV**
SUBJECT	**: MATHEMATICS**
CHAPTER NUMBER	**: 2**
CHAPTER NAME	**: NUMBERS**
SUBTOPIC	**: SUCCESSOR AND PREDECESSOR, EXERCISE-2(D) Q.NO. 1 & 2**

LEARNING OBJECTIVE

- Enable the students to understand the successor and predecessor of numbers.

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SYMBOL OF HUMAN EXCELLENCE

Successor And Predecessor

The number which is one more than the given number is called its successor.

Number	Successor
11,239	11,239 + 1 = 11,240
2,03,793	2,03,793 + 1 = 2,03,794

Successor And Predecessor

The number which is one less than the given number is called its predecessor.

Number	Predecessor
7,46,598	7,46,598 - 1 = 7,46,597
31,98,426	31,98,426 - 1 = 31,98,425

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Successor And Predecessor

Exercise – 2(D)

1. Write the successors of the following numbers.

Solution

(a) 4,89,399 = **4,89,399 + 1 = 4,89,400**

(b) 9,86,999 = **9,86,999 + 1 = 9,87,000**

(c) 63,47,309 = **63,47,309 + 1 = 63,47,310**

Successor And Predecessor

Exercise – 2(D)

1. Write the successors of the following numbers.

Solution

(d) 3,93,099 = **3,93,099 + 1 = 3,93,100**

(e) 29,32,500 = **29,32,500 + 1 = 29,32,501**

(f) 49,87,532 = **49,87,532 + 1 = 49,87,533**

Successor And Predecessor

Exercise – 2(D)

2. Write the predecessors of the following numbers.

Solution

(a) 8,80,000 = **8,80,000 - 1 = 8,79,999**

(b) 52,35,700 = **52,35,700 - 1 = 52,35,699**

(c) 3,72,100 = **3,72,100 - 1 = 3,72,099**

Successor And Predecessor

Exercise – 2(D)

2. Write the predecessors of the following numbers.

Solution

(d) 73,50,367 = **73,50,367 - 1 = 73,50,366**

(e) 7,39,000 = **7,39,000 - 1 = 7,38,999**

(f) 93,75,287 = **93,75,287 - 1 = 93,75,286**

Successor And Predecessor

Exercise – 2(D)

3. Write the successor of the largest 5-digit number. Is the number obtained the smallest 6-digit number?

Solution

Largest 5-digit number = 99,999

Successor of 99,999 = 99,999 + 1 = 1,00,000

Yes the number is obtained the smallest 6-digit number.

Successor And Predecessor

Exercise – 2(D)

4. Write the predecessor of the smallest 7-digit number. Is the number obtained the largest 6-digit number?

Solution

Smallest 7-digit number = 10,00,000

Predecessor of 10,00,000 = 10,00,000 - 1 = 9,99,999

Yes the number is obtained the largest 6-digit number.

HOME ASSIGNMENT:

- **Complete Exercise – 2(D) Q.NO. 3 and 4 in the book.**

LEARNING OUTCOME:

Students are able to know about the successor and predecessor of numbers.

THANKING YOU

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