



SNBP International & Sr. Secondary School, Chikhali, Pune.

Affiliation No. 1130703

Academic session 2024-25

Notes-(Term-1)

Sub-math

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L-2. Whole Numbers

Exercise-2.1

1.Solution:

The next three natural numbers after 10999 are 11000, 11001 and 11002.

2.Solution:

$$10001 - 1 = 10000$$

$$10000 - 1 = 9999$$

$$9999 - 1 = 9998$$

Hence, three whole numbers just before 10001 are 10000, 9999 and 9998.

3.solution

0 is the smallest whole number.

4.Solution:

The whole numbers between 32 and 53 are 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52.

5.Solution:

(a) Successor of 244070 is $244070 + 1 = 244071$

Hence, successor of 244070 is 244071.

(b) Successor of 100199 is $100199 + 1 = 100200$

Hence, successor of 100199 is 100200.

(c) Successor of 1099999 is $1099999 + 1 = 1100000$

Hence, successor of 1099999 is 1100000.

(d) Successor of 2345670 is $2345670 + 1 = 2345671$

Hence, successor of 2345670 is 2345671

6.Solution:

(a) Predecessor of 94 is $94 - 1 = 93$

Hence, predecessor of 94 is 93.

(b) Predecessor of 1000 is $10000 - 1 = 9999$

Hence, predecessor of 10000 is 9999.

(c) Predecessor of 208090 is $208090 - 1 = 208089$

Hence, predecessor of 208090 is 208089.

(d) Predecessor of 7654321 is $7654321 - 1 = 7654320$

Hence, predecessor of 7654321 is 7654320.

7.Solution:

We know that the smaller number is always on the left side of the greater number on number line.

(a) 530, 503

Clearly 503 is smaller than 530.

Hence, 503 will be on left side of 530 on number line.

Expression: $503 < 530$ or $530 > 503$

b) $307 < 370$

Clearly 307 is smaller than 370.

Hence, 307 will be on the left side of 370 on number line.

Expression: $307 < 370$ or $370 > 307$.

(c) 98765, 56789

Clearly 56789 is smaller than 98765.

Hence, 56789 will be on left side of 98765 on number line.

Expression: $56789 < 98765$ or $98765 > 56789$.

(d) 9830415, 10023001

Clearly, 9830415 is smaller than 10023001

Hence, 9830415 will be on the left side of 10023001 on the number line.

Expression: $9830415 < 10023001$ or $10023001 > 9830415$.

8.Which of the following statements are true (T) and which are false (F)?

Solution:

(a) This statement is false (F)

(b) This statement is false (F)

(c) This statement is true (T)

(d) This statement is true (T)

(e) This statement is true (T)

(f) This statement is false (F)

(g) This statement is false (F)

(h) This statement is false (F)

(i) This statement is true (T)

(j) This statement is false (F)

(k) This statement is false (F)

(l) This statement is true (T)

(m) This statement is false (F).