



Edu Junior

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CLASS 6TH

MATHS

CHAPTER- 2nd

WHOLE NUMBERS

EXERCISE- 2.1

NCERT SOLUTION

Question 1. Write the next three natural numbers after 10999.

Ans:

The next three natural numbers after 10999 are:

$$\begin{array}{r} 10999 \\ + 1 \\ \hline 11000 \end{array}$$

$$\begin{array}{r} 11000 \\ + 1 \\ \hline 11001 \end{array}$$

$$\begin{array}{r} 11001 \\ + 1 \\ \hline 11002 \end{array}$$

Question 2. Write three whole numbers occurring just before 10001.

Ans:

$$\begin{array}{r} 10001 \\ - 1 \\ \hline 10000 \end{array}$$

$$\begin{array}{r} 10000 \\ - 1 \\ \hline 9999 \end{array}$$

$$\begin{array}{r} 9999 \\ - 1 \\ \hline 9998 \end{array}$$

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

Question 3. Which is the smallest whole number?

Ans:

0 is the smallest whole number.

Question 4. How many whole numbers are there between 32 and 53?

Ans:

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, and 52.

So, there are 20 whole number between 32 and 53.

Question 5. Write the successor of:

(a) 2440701

Ans:

Successor of 244070 is

$$\begin{array}{r} 244070 \\ + 1 \\ \hline = 244071 \end{array}$$

(b) 100199

Ans:

Successor of 100199 is

$$\begin{array}{r} 100199 \\ + 1 \\ \hline = 100200 \end{array}$$

(c) 1099999

Ans:

Successor of 1099999 is

$$\begin{array}{r} 1099999 \\ + 1 \\ \hline = 1100000 \end{array}$$

(d) 2345670

Ans:

Successor of 2345670 is

$$\begin{array}{r} 2345670 \\ + 1 \\ \hline = 2345671 \end{array}$$

Question 6. Write the predecessor of:

(a) 94

Ans:

Predecessor of 94 is

$$\begin{array}{r} 94 \\ - 1 \\ \hline = 93 \end{array}$$

(b) 10000

Ans:

Predecessor of 10000 is

$$\begin{array}{r} 10000 \\ - 1 \\ \hline = 9999 \end{array}$$

(c) 208090

Ans:

Predecessor of 208090 is

$$\begin{array}{r} 208090 \\ - 1 \\ \hline = 208089 \end{array}$$

(d) 7654321

Ans:

Predecessor of 7654321 is

$$\begin{array}{r} 7654321 \\ - 1 \\ \hline = 7654320 \end{array}$$

Question 7. In each of the following pairs of numbers, state which whole number is on the left of the other number on the number line? Also write them with the appropriate sign

(>, <) between them.

(a) 530, 503

Ans:

$530 > 503$

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

(b) 370, 307

Ans:

$370 > 307$

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

(c) 98765, 56789

Ans:

$98765 > 56789$

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

(d) 9830415, 10023001

Ans:

$10023001 > 9830415$

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

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

(a) Zero is the smallest natural number.

Ans:

False

(b) 400 is the predecessor of 399.

Ans:

False

(c) Zero is the smallest whole number.

Ans:

True

(d) 600 is the successor of 599.

Ans:

True

(e) All natural numbers are whole numbers.

Ans:

True

(f) All whole numbers are natural numbers.

Ans:

False

(g) The predecessor of a two-digit number is never a single-digit number.

Ans:

False

(h) 1 is the smallest whole number.

Ans:

False

(i) The natural number 1 has no predecessor.

Ans:

True

(j) The whole number 1 has no predecessor.

Ans:

False

(k) The whole number 13 lies between 11 and 12.

Ans:

False

(l) The whole number 0 has no predecessor.

Ans:

True

(m) The successor of a two-digit number is always a two-digit number.

Ans:

False

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