

1. Write the smallest whole number. Can you write the largest whole number?

Solution:

The smallest whole number is 0.

No, we cannot write the largest whole number.

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

(i) 3999

(ii) 378915

(iii) 5001299

Solution:

(i) 3999

The successor of 3999 is

$$3999 + 1 = 4000$$

(ii) 378915

The successor of 378915 is

$$378915 + 1 = 378916$$

(iii) 5001299

The successor of 5001299 is

$$5001299 + 1 = 5001300$$

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

(i) 500

(ii) 38794

(iii) 54789011

Solution:

(i) 500

Predecessor of 500 is

$$500 - 1 = 499$$

(ii) 38794

Predecessor of 38794 is

$$38794 - 1 = 38793$$

(iii) 54789011

Predecessor of 54789011 is

$$54789011 - 1 = 54789010$$

4. Write the whole number (in each of the following) whose successor is:

(i) 50795

(ii) 720300

(iii) 8300000

Solution:

(i) 50795

The required whole number = Predecessor of given number

$$50795 - 1 = 50794$$

(ii) 720300

The required whole number = Predecessor of given number

$$720300 - 1 = 720299$$

(iii) 8300000

The required whole number = Predecessor of given number

$$8300000 - 1 = 8299999$$

5. Write the whole number (in each of the following) whose predecessor is:

(i) 5347

(ii) 72399

(iii) 3012999

Solution:

(i) 5347

The required whole number = Successor of given number

$$5347 + 1 = 5348$$

(ii) 72399

The required whole number = Successor of given number

$$72399 + 1 = 72400$$

(iii) 3012999

The required whole number = Successor of given number

$$3012999 + 1 = 3013000$$

6. Write next three consecutive whole numbers of the following numbers:

(i) 79

(ii) 598

(iii) 35669

Solution:

(i) 79

The next three consecutive whole numbers are 80, 81, 82.

(ii) 598

The next three consecutive whole numbers are 599, 600, 601.

(iii) 35669

The next three consecutive whole numbers are 35670, 35671, 35672.



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