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NCERT Class 6 Solutions: Whole Numbers (Chapter 2) Exercise 2.1 – Part 1

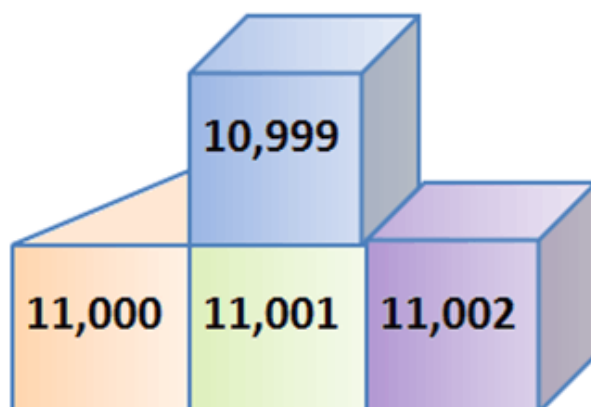
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Q-1 Write the next three natural numbers after 10999.

Solution:

The natural number after 10,999 can be obtained by adding 1.

- $10,999 + 1 = 11,000$
- $11,000 + 1 = 11,001$
- $11,001 + 1 = 11,002$



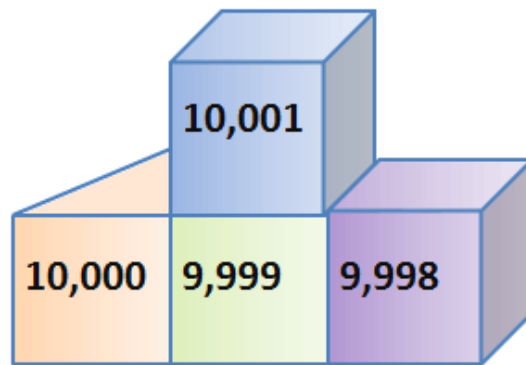
Three natural numbers after 10,999

Q-2 Write the three whole numbers occurring just before 10001

Solution:

The whole numbers before 10,001 can be obtained by subtracting 1.

- $10,001 - 1 = 10,000$
- $10,000 - 1 = 9,999$
- $9,999 - 1 = 9,998$



Three Whole numbers before 10,001

Q-3 which is the smallest whole number?

Solution:

- The numbers 0, 1, 2, 3 ... form the collection of whole numbers
- The smallest whole number is 0.

Whole Numbers

Whole numbers = set of all combinations of digits:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9,
10, 11, 12, 13, 14, 15, 16, 17, 18, 19...
100, 101, 102, 103, 104, 105, 106, 107, 108, 109...
1,000, 1,001, 1,003, 1,004, 1,005, 1,006, 1,007, 1,008, 1,009...
... 10,000... 100,000... 1,000,000... ∞ (infinity)

Q-4 How many whole numbers are there between 32 and 53?

Solution:

- Let us write the whole numbers

32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53

- Now count the numbers between 32 and 53:

**32, 33, 34, 35, 36, 37, 38, 39, 40,
41, 42, 43, 44, 45, 46, 47, 48, 49,
50, 51, 52, 53**

- There are 20 whole numbers between 32 and 53.