

Board –CBSE

Class – 6th

Topic – Whole Numbers

1. Write down the smallest natural number.

Ans. 1 is the smallest natural number.

2. Write down the smallest whole number.

Ans. 0 is the smallest whole number.

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

(i) 10000

(ii) 807000

Ans. (i) The predecessor of 10000 is 9999.

(ii) The predecessor of 807000 is 806999.

4. The smallest natural number is

(a) 0            (b) 1            (c) -1            (d) None of these

Ans. Option (b) is the correct answer.

The smallest natural number is 1.

5. The predecessor of 1 in natural numbers is

(a) 0            (b) 2            (c) -1            (d) None of these

Ans. Option (d) is the correct answer.

The smallest natural number is 1 and does not have any predecessor.

6. The successor of 1 million is

(a) 10001    (b) 100001    (c) 1000001    (d) 10000001

Ans. Option (c) is the correct answer.

We know that

1 million = 10,00,000

So the successor of 1 million = 10, 00,000 + 1 = 10, 00,001

7. The product of the successor and predecessor of 99 is  
(a) 9800 (b) 9900 (c) 1099 (d) 9700

Ans. Option (a) is the correct answer.

We know that

$$\text{So the successor of } 99 = 99 + 1 = 100$$

$$\text{We get predecessor of } 99 = 99 - 1 = 98$$

$$\text{Product of them} = 100 \times 98 = 9800$$

8. 11. The successor of the smallest prime number is  
(a) 1 (b) 2 (c) 3 (d) 4

Ans. Option (c) is the correct answer.

We know that the smallest prime number is 2

$$\text{Successor of } 2 = 2 + 1 = 3$$

9. The HCF of two co-primes is  
(a) the smaller number (b) the larger number  
(c) product of the numbers (d) 1

Ans. Option (d) is the correct answer.

We know that the set of numbers having a common factor as 1 are co-prime.

So the HCF of two co-prime numbers is 1.

10. The product of any natural number and the smallest prime is  
(a) an even number (b) an odd number  
(c) a prime number (d) None of these

Ans. Option (a) is the correct answer.

We know that the smallest prime number is 2.

Hence, when multiplied by any natural number we get an even number.