

EXERCISE 4(B)

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1. Fill in the blanks :

- (i) $999 + 1 = \dots\dots\dots$
- (ii) $10,000 - 1 = \dots\dots\dots$
- (iii) 10 coins – one coin = $\dots\dots\dots$
- (iv) ₹ 99 + ₹ 1 = $\dots\dots\dots$
- (v) 10,000 boys – 1 boy = $\dots\dots\dots$

Solution:

- (i) $999 + 1 = 1,000$
- (ii) $10,000 - 1 = 9,999$
- (iii) 10 coins – one coin = 9 coins
- (iv) ₹ 99 + ₹ 1 = ₹ 100
- (v) 10,000 boys – 1 boy = 9,999 boys

2. Would the number of students in your school be a 3-digit number or a 4-digit number or a 5-digit number?**Solution:**

Number of students varies from one school to another school
The total strength of our school is 4410
Hence, it is a 4-digit number

3. Write the smallest number which is just more than 9, 99, 999.**Solution:**

Given number = 9, 99, 999
Smallest number which is more than 1 is
 $9, 99, 999 + 1 = 10, 00, 000$
10, 00, 000 is the smallest number which is just more than 9, 99, 999

4. Starting from the greatest 5-digit number, write the previous five numbers in descending order.**Solution:**

Greatest 5-digit number = 99, 999
The previous five digit numbers in descending order are $99, 999 > 99, 998 > 99, 997 > 99, 996 > 99, 995 > 99, 994$

5. Starting from the smallest 7-digit number, write the next four numbers in ascending order.

Solution:

Smallest 7-digit number = 10, 00, 000

The next four numbers in ascending order are $10, 00, 001 < 10, 00, 002 < 10, 00, 003 < 10, 00, 004$.

6. How many numbers lie between the largest 3-digit number and the smallest 4-digit number?**Solution:**

Largest 3-digit number = 999

Smallest 4-digit number = 1000

Required number = $(1000 - 999)$

= 1

Therefore 1 lies between the largest 3-digit number and the smallest 4-digit number.

7. How many 5-digit numbers are there in all?**Solution:**

Largest 5-digit number = 99999

Largest 4-digit number = 9999

Required number = $99999 - 9999$

= 90, 000

Hence, 90, 000 numbers are there in all