

NUMBER SYSTEM

1. How many four-digit numbers are there in all?
2. Write the smallest and the largest six-digit numbers. How many numbers are between these two?
3. Write 10078302 in words and rearrange the digits to get the smallest and the largest numbers.
4. What is the largest 5-digit number with unique digits?
5. Write the smallest 3-digit number which does not change if the digits are written in reverse order.
6. Find the difference between the number 569 and that obtained on reversing its digits.
7. Form the largest and smallest 4-digit numbers using each of digits 4, 1, 0, 5 only once.
8. Put the appropriate symbol ($<$, $>$) in each of the following boxes:
(i) 102094 ____ 99887 (ii) 250724 ____ 2517324
iii) 3570014 ____ 10253104 (iv) 479805 ____ 47894012
9. Arrange the following numbers in ascending order:
(1) 12345694, 835208, 6539542, 6347201, 1235678
(ii) 1808090, 1808088, 181888, 190909, 16060666
10. Arrange the following numbers in descending order:
(I) 5693300, 5694301, 569440, 5694000, 5694437
(ii) 102016, 1020308, 101430, 89245, 893425

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