

Numbers Build Bright Futures!

Formation of Numbers
(Number System)
Worksheet



Name: _____ **Class:** _____ **Section:** _____ **Date:** _____

1. Write all possible 2-digit numbers that can be formed by using the digits 2, 3 and 4. Repetition of digits is not allowed. Also find their sum.
2. Write all possible 3-digit numbers using the digits 3, 1 and 5. Repetition of digits is not allowed.
3. Write all possible 3-digit numbers using the digits 7, 0 and 6. Repetition of digits is not allowed. Also find their sum.
4. Write all possible 2-digit numbers using the digits 4, 0 and 9. Repetition of digits is not allowed. Also find their sum.
5. Write all possible 2-digit numbers that can be formed by using the digits 3, 7 and 9. Repetition of digits is allowed.
6. Write all possible numbers using the digits 3, 1 and 5. Repetition of digits is not allowed.
7. How many 6-digit numbers are there in all?
8. Write down the greatest number and the smallest number of 4 digits that can be formed by the digits 7, 5, 0 and 4 using each digit only once.
9. Rearrange the digits of the number 5701024 to get the largest number and the smallest number of 7 digits.
10. Keeping the place value of digit 3 in the number 730265 same, rearrange the digits of the given number to get the largest number and smallest number of 6 digits.
11. Form the smallest and greatest 4-digit numbers by using any one digit twice from the digits:
    (i) 5, 2, 3, 9 (ii) 6, 0, 1, 4 (iii) 4, 6, 1, 5, 8
12. Write (i) the greatest number of 6 digits (ii) the smallest number of 7 digits. Also find their difference.
13. Write the greatest 4-digit number having distinct digits.
14. Write the smallest 4-digit number having distinct digits.
15. Write the greatest 6-digit number using three different digits.
16. Write the smallest 7-digit number using four different digits.
17. Write the greatest and the smallest 4-digit numbers using four different digits with the conditions as given:
    (i) Digit 7 is always at units place. (ii) Digit 4 is always at tens place.
    (iii) Digit 9 is always at hundreds place. (iv) Digit 2 is always at thousands place.



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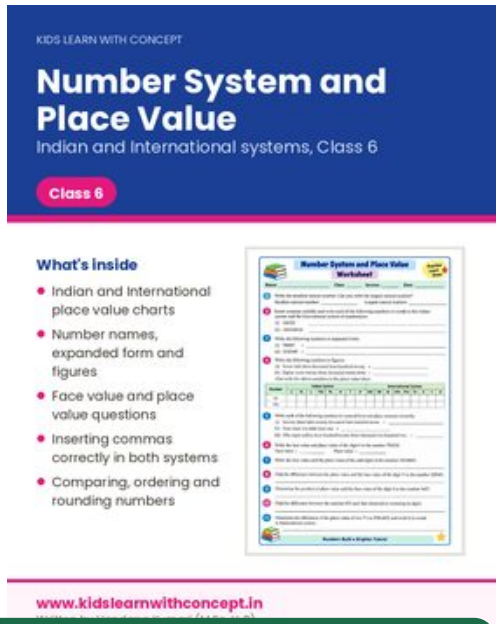
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