



Formation of Numbers

A. Choose the

Correct Answer:

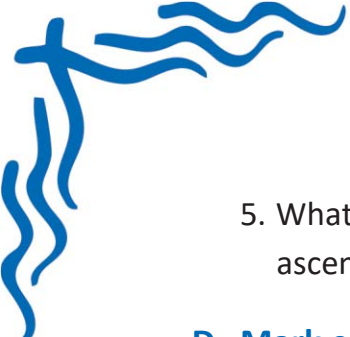
1. Which of the following numbers is the largest number that can be formed using the digits 5, 3, 8, and 1?
a) 8531
b) 8135
c) 8351
d) 5318
2. What is the smallest number that can be formed using the digits 4, 6, 2, and 8?
a) 2468
b) 4286
c) 2864
d) 2648
3. Using the digits 9, 4, 3, and 1, what is the largest number that can be formed?
a) 9431
b) 9143
c) 4931
d) 4913

B. Write the Missing Terms to Complete the Sentences:

1. The largest number that can be formed using the digits 2, 7, 1, and 9 is _____.
2. The smallest number that can be formed using the digits 3, 5, 7, and 8 is _____.
3. If we arrange the digits 6, 4, 2, and 3 in descending order, the largest number formed is _____.
4. The smallest number formed using the digits 0, 5, 2, and 8 is _____.
5. The largest number that can be formed from 7, 3, 9, and 5 is _____.

C. Different Type Questions

1. Write the greatest number that can be formed using the digits 4, 5, 2, and 8.
2. What is the smallest number that can be formed using the digits 9, 3, 1, and 7?
3. If you arrange the digits 6, 0, 8, and 5 in ascending order, what is the smallest number you can make?
4. Using the digits 2, 4, 9, and 6, write the largest and smallest number possible.

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5. What is the number formed when the digits 5, 0, 3, and 8 are arranged in ascending order?

D. Mark each sentence with a True (✓) or False (✗):

1. The smallest number that can be formed using 3, 6, 8, and 1 is 1368. ☐
2. When forming numbers from four digits, the largest number will always have the largest digits placed first. ☐
3. The smallest number formed from the digits 9, 2, 5, and 4 is 2459. ☐
4. The largest number that can be formed using the digits 1, 3, 4, and 7 is 7314. ☐
5. When forming a number, the digit 0 can never be placed at the start of a 4-digit number. ☐

E. Challenge yourself with these questions:

1. Arrange the digits 7, 2, 9, and 5 in descending order and write the largest number.
2. If you are given the digits 6, 4, 3, and 1, what is the smallest number you can form?
3. Write a 4-digit number using the digits 8, 5, 7, and 2 that is greater than 5,000.
4. From the digits 2, 3, 6, and 0, form the smallest and largest possible numbers.
5. Arrange the digits 9, 1, 8, and 4 in ascending order and write the smallest number formed.