

B. B. S. S. Sec. School

Class - VIth

Sub - Maths

ch - 1 knowing our numbers

Topic - Comparison of numbers

- * 1 When numbers of digits are different

Working Rules →

Example →
Which one is greater?
234 or 3234
Sol → Number of digits
in 234 = 3
Number of digits in
3234 is 4
Therefore 3234 is greater

1. Count the total number of digits in each number.
2. The number having more number of digits is the greater one.
3. The number having less number of digits is the smaller one.

- * 2. When numbers of digits are same

Working Rules

1. Compare the left most digit in the two numbers.
2. The number with the greater left most digit is greater.
3. In case, the left most digit are the same, compare the next left digits in both the numbers.
4. The number with the greater digit is greater.
5. In case these digits are also the same, repeat step 3 and step 4 till you get the answer.

Eg - $\begin{array}{c} 4327 \quad \text{or} \quad 4348 \\ \begin{array}{l} 4 = 4 \\ 3 = 3 \\ 2 < 4 \end{array} \end{array}$

Therefore 4348 is greater

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Assignment - 1.1

1. Which one is greater?

- (i) 464 or 2624 (ii) 1198 or 938
 (iii) 721 or 5672 (iv) 15 or 150

2. Which one is smaller?

- (i) 1122 or 1134 (ii) 2149 or 1249
 (iii) 1482 or 1471 (iv) 3428 or 2425

3. Arrange the following in descending order:

- (i) 1149, 2348, 126, 9
 (ii) 9, 3496, 777, 47
 (iii) 54, 753, 759, 79

4. Form the largest and smallest numbers using the following digits:

- (i) 1, 0, 9, 8 (ii) 9, 0, 4, 6
 (iii) 0, 1, 3, 9 (iv) 2, 7, 4, 5

Indian System of Numeration

CRORES		LAKHS		THOUSANDS		ONES	
TEN CRORES	CRORES	TEN LAKHS	LAKHS	TEN THOUSANDS	THOUSANDS	HUNDREDS	ONES

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