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| Grade:V The World of Numbers – Question Bank  (Mathematics)

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| **ELO 1:** | **Represent numbers in different ways (in words, in numerals, in** **expanded form) using place and place value.** |
| I. | Write the number names of the given numbers. |

1. 60,21,110 -
2. 2,000,050 -
3. 80,05,701 -
4. 9,60,264 -
5. 3,446,200 -

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| II. | Fill in the blanks. |

1. The place value of the digit 7 in the number 75,21,598 is \_\_\_\_\_\_\_\_\_\_\_.
2. The face value of the digit 1 in the number 21,84,058 is \_\_\_\_\_\_\_\_\_\_\_.
3. The place of the digit 9 in the number 89,23,543 is \_\_\_\_\_\_\_\_\_\_\_.
4. The face value of the digit 4 in the number 29,480,237 is \_\_\_\_\_\_\_\_\_\_\_.
5. The digit 4 is in the \_\_\_\_\_\_\_\_\_\_\_ place and \_\_\_\_\_\_\_\_\_\_\_ place of the number 74,94,821.
6. The place value of the digit 8 in the number 39,81,875 are \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_.
7. The face value of the digit 6 in the number 28,66,247 are \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_.
8. The place value of the digit in the Lakhs place of the number 80,56,721 is \_\_\_\_\_\_\_\_\_\_\_.
9. The digit in the \_\_\_\_\_\_\_\_\_\_\_ place of the number 45,67,728 is three times the digit in its Tens place.

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| III. | Write True or False. |

1. The digit 5 is in the Ten Lakhs place of the number 15,98,402.
2. The place value of the digit 9 in the number 67,98,453 is nine lakhs.
3. The number 34,56,815 has the digit 4 in its Lakhs place.

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| IV. | Write the number from the expanded form in the blank. |

1. 3,00,000 + 70,000 + 1,000 + 5 = \_\_\_\_\_\_\_\_\_\_\_
2. 20,00,000 + 1,00,000 + 70,000 + 8,000 + 600 + 40 + 3 = \_\_\_\_\_\_\_\_\_\_\_
3. 70,00,000 + 90,000 + 1 = \_\_\_\_\_\_\_\_\_\_\_
4. 40,00,000 + 8,00,000 + 30 + 4 = \_\_\_\_\_\_\_\_\_\_\_

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| V. | Fill in the blanks. |

1. 56,79,030 = \_\_\_\_\_\_\_\_\_\_\_ + 6,00,000 + 70,000 + 9,000 + 30
2. 16,90,004 = \_\_\_\_\_\_\_\_\_\_\_ + 6,00,000 + \_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_
3. 89,76,010 = 80,00,000 + \_\_\_\_\_\_\_\_\_\_\_ + \_\_\_\_\_\_\_\_\_\_\_ + 6,000 + 10

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| VI. | Write the expanded form of the given number. |

1. 80,42,006 -
2. 44,77,000 -
3. 96,34,215 –

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| VII. |   |

1. Fill in the amount in numbers in the respective place assigned for it in the cheque.

The expanded form of the number is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. Why do you think the word “only” is written after the amount in words in the cheque?

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| VIII. | Fill in the amount in words in the respective place assigned for it in the cheque. |

The expanded form of the number is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **ELO 2:** | **Compare numbers to sequence them in order.** |
| I. | Fill in the blanks with > , < or =. |

1. 45,67,890 \_\_\_\_\_\_\_ 5,67,890
2. 34,513 \_\_\_\_\_\_\_ 76,00,004
3. 27,40,765 \_\_\_\_\_\_\_ 29,30,600
4. 59,34,278 \_\_\_\_\_\_\_ 5,93,456
5. 60,33,558 \_\_\_\_\_\_\_ 60,33,552
6. 7,58,120 \_\_\_\_\_\_\_ 74,52,001

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| II. | Fill in the blanks using > , < or = symbols. |

1. Shyam has travelled a distance of 21,25,025 metres and Reena a distance of 24,43,112 metres to reach their destination. Distance travelled by Reena \_\_\_\_\_\_\_ distance travelled by Shyam.
2. Container 1 carries a load of 56,89,456 grams and Container 2 carries a load of 56,89,546 grams. The load carried by the truck \_\_\_\_\_\_\_ the load carried by the container.
3. 56,04,909 people visited a zoo in Year 1 and 58,00,700 people in Year 2.Number of visitors in Year 1 \_\_\_\_\_\_\_ number of visitors in Year 2.
4. Sheetal’s book has 1,75,210 words in it and Rima’s book has 1,75,212 words in it. Number of words in Sheetal’s book \_\_\_\_\_\_\_ the number of words in Rima’s book.

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| III. | Choose the correct answer. |

1. 92,56,789 is lesser than

i) 92,56,790ii) 91,90,999iii)92,56,729iv) 92,56,5891. 60,70,600 is lesser than

 i) 58,88,790 ii) 60,70,400 iii) 60,78,6001. 52,71,625 is greater than

 i) 57,81,956 ii) 52,71,923 iii) 52,55,777

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| IV. | Arrange the numbers in ascending order. |

1. 47,06,659 ; 47,06,345 ; 47,06,821 ; 47,06,008 ; 47,06,112

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 19,28,678 ; 19,28,612 ; 19,28,656 ; 19,28,605 ; 19,28,648

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 77,36,048 ; 77,39,900 ; 77,33,616 ; 77,35,485; 77,31,924

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 26,57,129 ; 29,00,457 ; 22,76,165 ; 25,88,307 ; 24,11,777

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 57,34,016 ; 57,92,001 ; 52,43,378 ; 59,11,333 ; 52,19,463

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| V. | Arrange the numbers in descending order. |

1. 61,70,430 ; 70,899 ; 70,523 ; 61,70,721 ; 61,70,101

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 29,30,506 ; 29,30,502 ; 29,30,509 ; 29,30,501 ; 29,30,507

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_1. 32,58,047 ; 32,50,853 ; 32,59,107 ; 32,56,682 ; 32,53,491 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 79,39,599 ; 79,98,200 ; 79,10,462 ; 79,74,241 ; 79,52,004 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 15,78,345 ; 19,47,382 ; 19,51,003 ; 16,28,002 ; 15,23,505 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| VI. | The table below gives the distance between specific cities in India. Arrange the numbers in descending order. |

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|  | Distance in metres |
| Between Jamshedpur and Chennai | 15,77,200 |
| Between Puri and Delhi | 18,47,100 |
| Between Shimla and Hyderabad | 19,28,200 |
| Between Siliguri and Varanasi | 7,00,800 |
| Between Cochin and Darjeeling | 31,18,000 |

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| VII. | Form five 7-digit numbers using the digits 3, 1, 9, 0, 4, 6, 8. Arrange them in ascending order.  |

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| **ELO 3:** | **Round off numbers to their nearest tens, hundreds, thousands,** **ten thousands, lakhs and ten lakhs.** |
| I. | Write True or False. |

1. Rounding off 574 to the nearest hundreds will give 500.\_\_\_\_\_\_\_\_\_\_\_
2. 349 rounded off to the nearest hundreds will be 400.\_\_\_\_\_\_\_\_\_\_\_
3. 955 rounded off to the nearest tens will be 960.\_\_\_\_\_\_\_\_\_\_\_
4. 1,394 rounded off to the nearest tens will be 1,390. \_\_\_\_\_\_\_\_\_\_\_
5. 7,868 rounded off to the nearest hundreds will be 7,800.\_\_\_\_\_\_\_\_\_\_\_
6. 4,571 rounded off to the nearest tens will be 4,570.\_\_\_\_\_\_\_\_\_\_\_
7. 6,844 rounded off to the nearest hundreds will be 6,800.\_\_\_\_\_\_\_\_\_\_\_

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| II. | Fill in the blanks. |

1. 276 rounded off to the nearest tens is \_\_\_\_\_\_\_\_\_\_\_.
2. 522 rounded off to the nearest hundreds is \_\_\_\_\_\_\_\_\_\_\_.
3. 704 rounded off to the nearest tens is \_\_\_\_\_\_\_\_\_\_\_.
4. 1,365 rounded off to the nearest thousands is \_\_\_\_\_\_\_\_\_\_\_.
5. 2,879 rounded off to the nearest thousands is \_\_\_\_\_\_\_\_\_\_\_.

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| III. | Round off to the place as specified in the brackets. Fill in the blanks. |

1. According to a survey 25,34,765 people travel by bus every day in a city. So around \_\_\_\_\_\_\_\_\_\_ people travel by bus every day in the city (nearest lakhs).
2. In Shyama’s godown there are 32,560 coconuts. So her godown has around \_\_\_\_\_\_\_\_ coconuts (nearest ten thousands).
3. A survey conducted showed that there are 10,83,678 schools in a country. So there are around \_\_\_\_\_\_\_\_\_\_ schools in the country (nearest thousands)
4. Rama owns a library which has 25,562 books. So there are around \_\_\_\_\_\_\_\_\_ books in the library (nearest hundreds).
5. In Australia 40,30,717 students enrolled in 9,581 schools in the year 2021. So around \_\_\_\_\_\_\_\_ students enrolled in the schools (nearest ten lakhs)

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| **ELO 4:** | **Identify the Indian system and International System** **of Numeration using commas and words** |
| I. | Fill in the blanks. |

 1. All the periods of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system of numeration do not have the same number of places.
2. The lakhs period of the Indian system of numbers has the places \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in it.
3. 10 times 10,000 will become 1 hundred thousand in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system of numeration.
4. Ten lakhs of the Indian system and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the International system will have same value.

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| II. | Write True or False. |

1. In the Indian system of numeration each period has two places.\_\_\_\_\_\_\_\_\_
2. In the International system of numeration each period has three places.\_\_\_\_\_\_\_\_\_
3. Lakhs is a place in the International system of numbers.\_\_\_\_\_\_\_\_\_
4. We have the place Hundred Thousands in the International system of numbers.\_\_\_\_\_\_\_\_\_
5. Millions is a place in the International system.\_\_\_\_\_\_\_\_\_
6. Both million and ten lakhs will have 6 zeros after 1.\_\_\_\_\_\_\_\_\_

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| I. | Place commas in the right place according to International system of numeration. Write the numbers in words. |

1. 4567889
2. 982345
3. 3782356

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| II. | Place commas in the right place according to Indian system of numeration. Write the numbers in words. |

1. 178234
2. 6892345
3. 2783456

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| III. | Use the digits 7, 5, 3, 1, 0, 2, 8 to form a 7-digit number. Represent it in the Indian system of numeration and the International system of numeration. |

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| IV. | Write at least three numbers using the digits 6, 9, 0, 7, 5, 8, 4.Using commas, write the numbers according to both Indian and International system of numeration. |

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| **ELO 5:** | **Convert between the Indian and International systems of numeration.** |
| I. | Convert the given numbers in Indian system to International system of numeration. |

1. 27,77,555 -
2. 20,00,050 -
3. 9,06,246 -

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| II. | Convert the given numbers in International system to Indian system of numeration. |

1. 4,768,675 -
2. 2,781,564-
3. 3,765,109-

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| III. | The table below gives the population of a few cities in the year 2011. The numbers are given in the Indian system of numeration. Diya wants to present it in an international forum as a part of her project. Help her convert the numbers into the International system of numeration. |

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| City | Population | International system of numeration |
| Jaipur | 30,46,163 |  |
| Chennai | 46,81,087 |  |
| Hyderabad | 68,09,970 |  |
| Bangalore | 84,25,970 |  |
| Kolkata | 44,86,679 |  |

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| IV. | Sumedha is working on a project as a part of an assignment and is collaborating with a student from Kenya. She received a mail from the student which had numbers in the International system of numeration. Help her change the numbers into the Indian system of numeration. The numbers are given in the table below. |

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| International system | Indian system |
| 3,467,890 |  |
| 1,935, 246 |  |
| 7,805,247 |  |
| 9,213,006 |  |
| 4,384,212 |  |

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| **ELO 6:** | **Represent numbers as Roman numerals and vice versa** |
| I. | Write True or False. |

1. 15 is written as XV.\_\_\_\_\_\_\_\_\_
2. VI means 6.The same way DC means 600.\_\_\_\_\_\_\_\_\_
3. L in Roman numerals means 100.\_\_\_\_\_\_\_\_\_
4. 29 in Roman numerals can be written as XXIX.\_\_\_\_\_\_\_\_\_
5. If you interchange the letters in LX, the value will be 40.\_\_\_\_\_\_\_\_\_

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| II. | Fill in the blanks. |

1. M in Roman numerals means \_\_\_\_\_\_\_\_\_.
2. 19 is written as \_\_\_\_\_\_\_\_\_ in Roman numerals.
3. 500 is written as \_\_\_\_\_\_\_\_\_ in Roman numerals.
4. XIX means 19.The same way CXC means \_\_\_\_\_\_\_\_\_ and DXC means \_\_\_\_\_\_\_\_\_ .
5. XXX means 30.The same way CCC means \_\_\_\_\_\_\_\_\_ .
6. XXII means 22.The same way CCXX means \_\_\_\_\_\_\_\_\_ .
7. IV means 4.The same way XL means \_\_\_\_\_\_\_\_\_ and CD means \_\_\_\_\_\_\_\_\_ .
8. 73 is written as \_\_\_\_\_\_\_\_\_ in Roman numerals.

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| I. | Rewrite each sentence using Roman numerals in place of the cardinal numbers. |

1. Rewrite each sentence using Roman numerals in place of the cardinal numbers.
2. Vani is reading page 92 of her novel.
3. Charles 45 is the new king of the kingdom.
4. The clock shows the time as 11.
5. The door number of Bina’s house is 40.

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