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| Grade IV Numbers (upto 5 digits) Mathematics

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| **ELO 1:** | Identify the face value, place and place value of each digit in a 5-digit number |
| I. | Fill in the blanks.   |
|  |
| 1. | 10 ones makes one \_\_\_\_\_\_\_\_\_\_\_\_\_. |
| 2. | 10 tens makes one \_\_\_\_\_\_\_\_\_\_\_\_\_. |
| 3. | 10 hundreds makes one \_\_\_\_\_\_\_\_\_\_\_\_\_. |

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| II. | Write the number in the blanks provided.  Who am I? |
|  |
| 1. | In me, I have 2 tens, 7 ones, 8 hundreds and 34 thousands. Who am I ? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | In me, I have 6 hundreds, 3 ones, 9 tens and 90 thousands. Who am I? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | In me, I have 2 ones, 1 tens, 8 hundreds and 27 thousands. Who am I? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | In me, I have 5 ones, 7 hundreds, 9 tens and 29 thousands. Who am I ? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | In me, I have 3 hundreds, 62 thousands, 6 ones and 3 tens. Who am I? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | In me, I have 72 thousands, 7 tens, 9 ones and 2 hundreds. Who am I? \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| III. | Answer the following questions.  |
|  |
| 1. | In which place is the digit 7 in the number 87,541? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | What is the face value of the digit 1 in the number 49,012? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | In which place is the digit 3 in the number 73,900? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | What is the face value of 2 in the number 27,831? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | What is the place value of 3 in the number 43,710? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | What is the place of the digit 8 in the number 87,902? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. | What is the place value of 2 in the number 63,821? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | What is the place value of the digit that is in the tens place of 54,378? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| IV. | Write whether the following are true or false. |
|  |
| 1. | The face value of 7 in the number 87,902 is 7. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | The place value of 3 in the number 87,923 is ones. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | The place value of 8 in the number 48,235 is 48,000. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | The place of 8 in the number 58,342 is thousands. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | The face value of 1 in the number 34,120 is one hundred. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | The place value of 6 in the number 54,612 is six hundred. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. | The place of 2 in the number 20,001 is ten thousands. \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | The face value of 7 in the number 17,908 is seven thousand. \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| V. | Fill in the blanks to solve the riddle.   Who am I?  |
|  |
| 1. | The place value of the digit in my Ten Thousands place is 70,000 Face value of the digit in my Thousands place is 9 The digit in my Tens place has no value.  |
|  | TTh  | Th  | H  | T  | O |
|  |  |  | 4 |  | 6 |
|  | I am \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
| 2. | The face value of the digits in my Hundreds place and Ones place is the same The place value of the digit in my Hundreds place is 600. The place value of the digit in my Thousands place is 3,000.  |
|  | TTh  | Th  | H  | T  | O |
|  | 4 |  |  | 8 |  |
|  | I am \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
| 3. | I have the same digits in my Ten thousands place, Thousands place and Tens place. The place value of the digit in my Thousands place is 1,000. The place value of the digit in my Ones place is 4.  |
|  | TTh  | Th  | H  | T  | O |
|  |  |  | 2 |  |  |
|  | I am \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **ELO 2:** | Represent the expanded form of numbers. |
| I. | Write the number names for the following numbers.  |
|  |
| 1. | 54,372 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 90,346 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 20,903 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 45,901 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 45,489 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | 85,290 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. | 23,895 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | Manish has 76,340 pebbles with him. That means he has  \_\_\_\_\_\_\_\_\_\_\_\_\_ pebbles with him. |
| 9. | There are 80,536 types of animals in India. That means there are   \_\_\_\_\_\_\_\_\_\_\_\_\_ types of animals in  India.   |
| 10. | Kishan has a collection 11,238 coins. So, he has a collection of \_\_\_\_\_\_\_\_\_\_\_\_\_ coins.   |
| 11. | Mani has 39,002 rupees with him. So, he has \_\_\_\_\_\_\_\_\_\_\_\_\_ rupees.  |

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| II. | Match the following numerals with their respective number names. |
|  |
|  | 65,879  | Twenty three thousand eight hundred and twenty |
|  | 34,980 | Seventy six thousand and nine hundred |
|  | 23,820  | Sixty five thousand eight hundred and seventy nine  |
|  | 47,091 | Forty seven thousand and ninety one |
|  | 76,900  | Thirty four thousand nine hundred and eighty |

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| III. | Fill in the blanks. |
|  |
|  | 60,000 + 8,000 + 500 + 4 is equal to \_\_\_\_\_\_\_\_\_\_\_\_\_ and its number name is \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **ELO 3:** | Round off numbers to the nearest ten thousand |
| I. | Round off to the nearest tens.   |
|  |
| 1. | 12,654 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 43,325 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 40,987 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 43,325 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 30,234 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| II. | Round off to the nearest hundreds.  |
|  |
| 1. | 54,879 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 90,321 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 87,651 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 81,651 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 34,765 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| III. | Round off to the nearest thousands.  |
|  |
| 1. | 56,902 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 43,211 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 76,325 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 98,990 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 67,907 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| IV. | Round off to the nearest ten thousands.  |
|  |
| 1. | 53,876 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 76,234 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 97,999 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 54,254 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 23,431 - \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| V. | Look at the numbers and identify the place each number has been rounded off to. |
|  |
|  | 45,942 → 45,940 \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | 36,798 → 36,800 \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | 12,985 → 13,000 \_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | 49,542 → 50,000 \_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| VI. | Fill in the blanks. |
|  |
| 1. | The height of a mountain is 1,289 m, which is around \_\_\_\_\_\_\_\_\_\_\_\_\_ m. (round off to nearest tens)  |
| 2. | A water tank holds 19,890 litres of water, which is around \_\_\_\_\_\_\_\_\_\_\_\_\_ litres. (round off to nearest thousands)  |
| 3. | Cost of a motor bike is C68,799, which is around C\_\_\_\_\_\_\_\_\_\_\_\_\_. (round off to nearest hundreds) |
| VII. | Shyam wishes to spend money on educating a few children of an orphanage. The cost comes to 89,765 rupees. He rounds off the amount to the highest place and donates to the orphanage. How much money does he donate?  |
|  |
| VIII. | The population of a town is 62,908. If we round it off to the highest place what will be the number? |
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| IX. | When will the estimated value be nearer to the actual value, when we round off to the highest place or when we round off to the nearest tens? |
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| **ELO 4:** | Compare 5-digit numbers (using >, < and =) |
| I. | Fill the blanks with >, < or =.  |
|  |
| 1. | 12,973 \_\_\_\_\_\_\_\_\_\_\_\_\_ 21,764 |
| 2. | 87,943 \_\_\_\_\_\_\_\_\_\_\_\_\_ 34,980 |
| 3. | 20,001 \_\_\_\_\_\_\_\_\_\_\_\_\_ 20,001 |
| 4. | 63,453 \_\_\_\_\_\_\_\_\_\_\_\_\_ 45,900 |
| 5. | 32,986 \_\_\_\_\_\_\_\_\_\_\_\_\_ 12,764  |
| 6. | 65,800 \_\_\_\_\_\_\_\_\_\_\_\_\_ 65,899 |
| 7. | 27,982 \_\_\_\_\_\_\_\_\_\_\_\_\_ 27,980 |

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| II. | Which has more? Choose the correct answer. |
|  |
| 1. | A room having 23,839 balls or a room having 23,763 pebbles? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2 | A factory manufacturing 65,009 cars or a factory manufacturing 69,345 buses? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | A city with 35,874 people or a city with 26,874 animals? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | A water tank with 24,145 litres of water or a petrol pumps of 19,995 litres of petrol? \_\_\_\_\_\_\_\_\_\_\_\_\_    |
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| **ELO 5:** | Arrange 5-digit numbers in ascending and descending order    |
| I. | Read the data to answer the questions. |
|  |
| 1. | The following table shows the number of people living in a few towns in Kerala.  Arrange the towns from smallest to biggest, based on the number of people.    |
|  | Place  | Population  |
|  | Changanassery  | 51,967 |
|  | Attingal  | 35,693  |
|  | Kasaragod  | 75,968 |
|  | Chalakudy  | 48,380 |

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| 2. | The following table shows the amount earned by Ramu per day in his shop.  Arrange the amounts in ascending order. |
|  | Day   | Amount  |
|  | Sunday  | 74,892 |
|  | Monday  | 23,890 |
|  | Tuesday  | 15,900 |
|  | Wednesday  | 60,002 |
|  | Thursday  | 81,902 |
|  | Friday  | 45,340 |
|  | Saturday  | 50,467 |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 3. | The number of stamps sold in one year in different states is given.  Arrange the number of stamps sold in descending order.  |
|  | State     | Number sold  |
|  | Odisha    | 84,352  |
|  | Goa    | 12,876  |
|  | Assam    | 46,098  |
|  | Himachal Pradesh   | 62,905  |
| II. | Form five different five-digit numbers using the digits 3, 5, 8, 0, 9. Arrange them in descending order.  |
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