|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ELO 1:** | **Add or subtract numbers with or without regrouping** | | | | |
| I. | Complete the grid. One is done for you. | | | | |
|  | | | | | |
|  | + | 10 | 100 | 1,000 | 10,000 |
|  | 54,672 | 54,682 | 54,772 | 55,672 | 64,672 |
|  | 87,234 |  |  |  |  |
|  | 23,904 |  |  |  |  |
|  | 70,003 |  |  |  |  |
|  | 59,023 |  |  |  |  |
|  | 61,760 |  |  |  |  |
|  | 48,246 |  |  |  |  |

|  |  |
| --- | --- |
| II. | Fill in the blanks. |
|  | |
| 1. | 23,145 + 40,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 32,561 + 10,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 76,123 + 30,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 54,894 + 3,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |  |
| --- | --- | --- |
| III. | Match the following. | |
|  | | |
| 1. | 12,345 + 54,321 | 31,846 |
| 2. | 18,645 + 36,304 | 60,637 |
| 3. | 21,523 + 10,323 | 66,666 |
| 4. | 39,798 + 28,636 | 97,314 |
| 5. | 31,110 + 51,234 | 59,462 |
| 6. | 35,342 + 24,120 | 81,614 |
| 7. | 86,101 + 11,213 | 68,434 |
| 8. | 67,893 + 13,721 | 82,344 |
| 9. | 10,323 + 50,314 | 54,949 |

|  |  |
| --- | --- |
| IV. | Find the sum. |
|  | |
| 1. | 11,578 + 22,834 + 18,766 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 20,133 + 11,065 + 40,630 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 41,846 + 11,900 + 11,824 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 13,392 + 35,005 + 32,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 30,714 + 42,000 + 12,111 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 6. | 43,342 + 15,865 + 22,000 =  \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 7. | 53,764 + 32,100 + 11,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 8. | 60,808 + 12,224 + 10,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| V. | The cost of a few items are given below. Solve the following questions. |
|  | |
|  | Cost of a steel almirah = ₹25,364 |
|  | Cost of a gas stove = ₹11,699 |
|  | Cost of a cot = ₹17,000 |
|  | Cost of a dining table = ₹45,799 |
| 1. | Sheela has bought a gas stove and a dining table. How much did it cost her? |
| 2. | Simran has bought a steel almirah and a cot. How much does she have to pay the shopkeeper? |
| 3. | Sheetal has bought a steel almirah, a cot and a dining table. How much money did she spend on those? |

|  |  |
| --- | --- |
|  |  |
| I. | Fill in the blanks. |
|  | |
| 1. | 98,432 - 30,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 34,242 - 10,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 76,090 - 20,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 54,098 - 50,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 31,987 - 40,000 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| II. | Find the difference. |
|  | |
| 1. | 23,456 - 12,678 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2. | 67,341 - 15,989 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | 89,326 - 32,109 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4. | 76,543 - 54,090 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 5. | 43,325 - 19,899 = \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| III. | The diameters of a few planets are given below. Solve the following questions. |
|  | |
|  | The diameter of Earth is 12,742 km. |
|  | The diameter of Venus is 12,104 km. |
|  | The diameter of Neptune is 49,244 km. |
|  | The diameter of Uranus is 50,724 km. |
| 1. | What is the difference between the diameter of Uranus and the Earth? |
| 2. | How much more is the diameter of Neptune than Venus? |
| 3. | Whose diameter is more? That of Uranus or Neptune? By how much? |

|  |  |
| --- | --- |
| **ELO 3:** | **Solve real life problems using addition and subtraction.** |
|  | Solve the given word problems. |
|  | |
| 1. | A factory produced 32,750 shirts in a day. Out of it 12,345 were defective. How many shirts were not defective? |
| 2. | A cyclist covered 56,625 metres in a day and 62,908 metres on the second day. How much distance did he cover in total? |
| 3. | Sonali opened an account in the month of January and deposited ₹45,600. She then deposited ₹37,890 in the month of February. If she has not withdrawn any amount in the two months how much money does she have in her account now? |
| 4. | Seema donated ₹56,500 to an orphanage and ₹78,500 to an old age home. To which place did she donate more and by how much? |
| 5. | Last year at Hyderabad airport, 36,524 passengers landed on time. Unfortunately, 17,129 passengers landed late. In all, how many passengers landed in Hyderabad last year? \_\_\_\_\_\_\_\_\_\_\_\_\_ passengers |
| 6. | A chocolate factory usually makes 30,927 chocolate cakes per day. In the month of December, it makes 18,961 more than that each day. How many chocolate cakes does the factory produce in each day in the month of December? \_\_\_\_\_\_\_\_\_\_\_\_\_ chocolate cakes |
| 7. | A poultry farm owned 17,789 egg-laying hens. It bought 3,388 more hens to produce more eggs. How many hens are there now? \_\_\_\_\_\_\_\_\_\_\_\_\_ hens |
| 8. | A monument is made up of 22,749 sandstone blocks and 42,770 limestone blocks. How many blocks make up the monument? \_\_\_\_\_\_\_\_\_\_\_\_\_ blocks |
| 9. | A scooter costs 36,654 rupees. A sports bicycle costs 12,783 rupees. What is the total cost of the scooter and bicycle? \_\_\_\_\_\_\_\_\_\_\_\_\_ rupees |
| 10. | 34,543 tourists visited Taj Mahal on Monday. On Tuesday, 42,891 people visited the place. How many people visited the place in total? \_\_\_\_\_\_\_\_\_\_\_\_\_ people |
| 11. | A toy factory produced 45,458 toys in a month. Out of this,38,764 toys were sold. How many toys were left? \_\_\_\_\_\_\_\_\_\_\_\_\_ toys |
| 12. | A cricket stadium can hold 56,700 people. For a cricket match,45,654 people came to watch the match. How many seats were empty on that day? \_\_\_\_\_\_\_\_\_\_\_\_\_ seats |
| 13. | Gopal has a mango farm. He harvested 67,985 mangoes during the season. He sold 65,897 mangoes during the season. How many mangoes were left with him? \_\_\_\_\_\_\_\_\_\_\_\_\_ mangoes |
| 14. | Subtract the sum of 10,560 and 24,657 from 76,345. The answer will be \_\_\_\_\_\_\_\_\_\_\_\_\_. |
| 15. | The population of a town is 93,456. Out of these 32,876 are men, 30,987 are women and the rest are children. What is the number of children? \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 16. | Sindu bought a refrigerator for 11,765 rupees and a television for 14,657 rupees. She gave 30,000 rupees to the shopkeeper. How much money will the shopkeeper return? \_\_\_\_\_\_\_\_\_\_\_\_\_ rupees |

|  |  |
| --- | --- |
| **ELO 4:** | **Estimate in addition and subtraction** |
| I. | Solve the given word problems. |
|  | |
| 1. | At a certain zoo, there were 3,456 visitors on Monday, 2,905 visitors on Tuesday, and 2,789 visitors on Wednesday. Round off each number to the nearest thousand and then proceed to estimate the total number of visitors on these three days. |
| 2. | The height of Mount Everest is 8,849 metres. A mountaineer climbed 512 metres on day one. Round off each number to the nearest hundred and then proceed to estimate how far he has left to climb to the peak. |
| 3. | The population of town A is 35,786 and the population of town B is 28,905. Round off each number to the nearest thousand and then proceed to estimate the total population. |
| 4. | A stadium can hold 91,800 spectators. If on a day 75,605 tickets are sold how many seats will be vacant? Round off each number to the nearest thousand and then proceed to estimate the difference. |
| 5. | Population of Rampur village is 24,654. Population of Raipur is 39,655. Estimate the total population of both the villages to the nearest ten thousands. |
| 6. | During a major earthquake, a volunteer distributed 45,876 food packets in the eastern part of a village and a 54,980 food packets in the northern part of that city. Estimate the total number of food packets distributed to the nearest ten thousand. |
| 7. | Aman spends 2,568 rupees and his friend spends 3,567 in a supermarket. Who spends more and by how much? Estimate the difference to the nearest thousands. |
| 8. | A sintex tank has 578 litres of water in it. If the owner uses 267 litres, how much water is left in the tank? Estimate the difference to the nearest hundreds. |
| 9. | There are 1617 packets of mushrooms in a store. 177 packets are sold at the end of the day. How many packets are left in the store? Round of each number to its highest place to estimate the difference. |
| 10. | From a post office, 1715 letters are posted each day, out of which 381 are foreign. How many letters are domestic? Round of each number to its highest place to estimate the difference. |
| 11. | A man ran for 5482 m before he took a break. After that, he ran for another 5564 m and stopped to talk to a friend. Finally, he returned home running the last 3923 m. Round off to the nearest thousands to estimate how long was his route that day (in metres). |