**Directions:** Complete the following questions. Please show all work!

|  |  |  |
| --- | --- | --- |
| 1) Write the number **20.508** in expanded form. | 2) Write the number **314.85** in expanded form. | |
| 3) **Round the given number to the indicated place value:**  Round **1,234,567.81** to the nearest whole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **413.465** to the nearest tenth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **4.621** to the nearest hundredth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **0.1245** to the nearest thousandth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| 4) Use **>, <, or =** to compare the following numbers:  0.011 \_\_\_\_\_\_\_\_\_\_\_\_\_ 0.10  7.89 \_\_\_\_\_\_\_\_\_\_\_\_ 7.98  .0134 \_\_\_\_\_\_\_\_\_\_\_ 0.00134 | | 5) Order from least to greatest:  4.623, 4.623, 4.0236, 4.0623 |
| 6) Write a value that is in between the two listed numbers.  80.4 \_\_\_\_\_\_\_\_\_\_\_ 80.45  16.25 \_\_\_\_\_\_\_\_\_\_\_\_ 16.28  31.007 \_\_\_\_\_\_\_\_\_\_\_\_\_ 31.01 | | |
| 7) Compute: 4,245.6 + 12.09 | 8) Compute: 45.325 – 13.011 | |
| 9) Compute with powers of 10:  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10) Compute:  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

|  |  |
| --- | --- |
| 11) Calculate the sum and simplify. | 12) Evaluate. |
| 13) Write the sum in simplest form.  = | 14) Simplify the expression.  = |