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

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| 1) Write the number **34.67** in expanded form. | 2) Write the number **1.085** in expanded form. |
| 3) **Round the given number to the indicated place value:**Round **4,239.95** to the nearest whole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **89.35** to the nearest tenth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **6,615.287** to the nearest hundredth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **42.6324** to the nearest thousandth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4) Use **>, <, or =** to compare the following numbers: 9.1 \_\_\_\_\_\_\_\_\_\_\_\_\_ 9.09 1.004\_\_\_\_\_\_\_\_\_\_\_\_1.1 8.0299 \_\_\_\_\_\_\_\_\_\_\_ 8.03 | 5) Order from least to greatest: 2.05, 2.50, 2.051, 2.501 |
| 6) Write a value that is in between the two listed numbers. 5.049 \_\_\_\_\_\_\_\_\_\_\_ 5.4 50.7 \_\_\_\_\_\_\_\_\_\_\_\_ 503.7 24.1 \_\_\_\_\_\_\_\_\_\_\_\_\_ 24.11 |
| 7) Compute: 405.009 + 6.87 | 8) Compute: 86.123 – 42.011 |
| 9) Compute with powers of 10: $4.15 x 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$4.15 x 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$4.15 x 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$4.15 x 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10) Compute:$31.4 ÷ 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$31.4 ÷ 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$31.4 ÷ 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$31.4 ÷ 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |