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

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| 1) Write the number **1,345** in expanded form. | 2) Write the number **4.76** in expanded form using decimals. |
| 3) **Round the given number to the indicated place value:**Round **5.136** to the nearest whole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **4,235.75** to the nearest whole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **634.55** to the nearest tenth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Round **3,124,615.2** to the nearest hundred thousand:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 4) Use **>, <, or =** to compare the following numbers: 9.1136\_\_\_\_\_\_\_\_\_\_\_\_\_9.136 1.00009\_\_\_\_\_\_\_\_\_\_\_\_1.1 2.8003 \_\_\_\_\_\_\_\_\_\_\_ 2.81 | 5) Order from least to greatest: 312.05, 312.5, 312.005, 312.0005 |
| 6) Write a value that is in between the two listed numbers. 5.124 \_\_\_\_\_\_\_\_\_\_\_ 5.13 50.2 \_\_\_\_\_\_\_\_\_\_\_\_ 50.37 4.1 \_\_\_\_\_\_\_\_\_\_\_\_\_ 4.2 |
| 7) Compute: 45.009 + 6.45 | 8) Compute: 86.123 – 4.2 |
| 9) Compute with powers of 10: $5 x 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$5 x 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$5 x 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$5 x 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10) Compute:$2.45 x 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$2.45 x 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$2.45 x 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$2.45 x 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |