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

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| 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: $0.784 x 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$0.784 x 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$0.784 x 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$0.784 x 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10) Compute:$7,568.4 ÷ 10^{1}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$7,568.4 ÷ 10^{2}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$7,568.4 ÷ 10^{3}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_$7,568.4 ÷ 10^{4}$ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 11) Calculate the sum and simplify.$$\frac{3}{8}+ \frac{7}{8}= $$ | 12) Evaluate.$$\frac{5}{6}- \frac{1}{6}=$$ |
| 13) Write the sum in simplest form.$4 \frac{1}{2}+ 5 \frac{3}{8}$ = | 14) Simplify the expression.$9 \frac{7}{10}-5 \frac{2}{5}= $ = |