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

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| 1) Write the number **3,004,600.58** in expanded form. | 2) Write the number **0.4095** in expanded form. | |
| 3) **Round the given number to the indicated place value:**  Round **635.76** to the nearest whole: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **349.75** to the nearest tenth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **5.387** to the nearest hundredth:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Round **3.0841** to the nearest thousandth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| 4) Use **>, <, or =** to compare the following numbers:  0.75 \_\_\_\_\_\_\_\_\_\_\_\_\_ 0.075  7.809 \_\_\_\_\_\_\_\_\_\_\_\_ 7.0980  .1034 \_\_\_\_\_\_\_\_\_\_\_ 0.00134 | | 5) Order from least to greatest:  0.768, 0.867, 0.0678, 8.067 |
| 6) Write a value that is in between the two listed numbers.  80.04 \_\_\_\_\_\_\_\_\_\_\_ 80.05  16.105 \_\_\_\_\_\_\_\_\_\_\_\_ 16.2  31.07 \_\_\_\_\_\_\_\_\_\_\_\_\_ 31.1 | | |
| 7) Compute: 45.6 + 0.87 | 8) Compute: 63 – 17.5 | |
| 9) Compute with powers of 10:  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10) Compute:  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

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| 11) Calculate the sum and simplify. | 12) Evaluate. |
| 13) Write the sum in simplest form.  = | 14) Simplify the expression.  = |
| 15) 7 x 4.15 | 16) 2.45 x 8 |
| 17)  3.14 x \_\_\_\_\_\_\_\_\_\_ = 31.4  3.14 x \_\_\_\_\_\_\_\_\_\_ = 314  3.14 x \_\_\_\_\_\_\_\_\_\_ = 3,140 | 18)  16.25 x \_\_\_\_\_\_\_\_\_ = 1,625  16.25 x \_\_\_\_\_\_\_\_\_ = 162.5  16.25 x \_\_\_\_\_\_\_\_\_ = 16,250 |