**Mini-quiz #4 Chemistry 1114 section 2 (Fong) 3 Sept 2014 4 pts A**

**Your name:\_\_\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) How many significant figures are in each of the numbers below ?

a) 400 \_\_\_\_1\_\_\_\_\_\_ b) 0.0010 \_\_\_2\_\_\_\_

c)) 41.0\_\_\_\_3\_\_\_\_\_ d) 2.001\*10200 \_\_\_\_\_4\_\_\_\_

2) What is the value for the sum below to its’ correct significant figure count:

8.001 + 1.03 -0.00034 + 1.0 = \_\_\_\_\_\_\_\_\_\_\_10.0\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mini-quiz #4 Chemistry 1114 section 2 (Fong) 3 Sept 2014 4 pts B**

**Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) How many significant figures are in each of the numbers below ?

a) 2340\_\_\_\_3\_\_\_\_\_\_ b) 0.0020 \_\_\_2\_\_\_\_

c) 400\_\_\_1\_\_\_\_\_\_ d) 5.001\*10600 \_\_\_4\_\_\_\_\_\_\_\_\_

2) What is the value for the sum below to its’ correct significant figure count:

4.001 + 0 .530 -0.00034 + 0.50 = \_\_\_\_\_\_\_\_\_\_5.03\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mini-quiz #4 Chemistry 1114 section 2 (Fong) 3 Sept 2014 4 pts C**

**Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1) How many significant figures are in each of the numbers below ?

a) 0.00200200\_\_\_\_6\_\_\_\_\_\_ b) 100100\_\_\_4\_\_\_\_

c) 10.3010\_\_\_6\_\_\_\_\_\_ d) 5.001\*10600 \_\_\_\_\_4\_\_\_\_\_\_\_

2) What is the value for the sum below to its’ correct significant figure count:

2.001 + 0.530 -0.00034 + 0.50 = \_\_\_\_\_\_\_\_3.03\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_