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

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

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

a) 400 \_\_\_\_\_\_\_\_\_\_ b) 0.0010 \_\_\_\_\_\_\_

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

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

8.001 + 1.03 -0.00034 + 1.0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

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

a) 2340\_\_\_\_\_\_\_\_\_\_ b) 0.0020 \_\_\_\_\_\_\_

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

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

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

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

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

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

a) 0.00200200\_\_\_\_\_\_\_\_\_\_ b) 100100\_\_\_\_\_\_\_

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

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

2.001 + 0 .530 -0.00034 + 0.50 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_