**Mini-quiz #4 Chemistry 1114 section 2 (Fong) 5 Sept 2012 A \_\_/ 9 pts**

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

4.1. Before 1913, according to Boyle and Dalton, different elements have

different\_\_\_\_masses\_\_\_\_\_\_\_\_\_\_

4.2. After 1913, according to Aston, Rutherford and the English physicists, different elements

have different \_\_proton\_\_\_\_\_\_\_\_\_\_\_ counts

4.3. The different `flavors’ of a given element are colled \_\_\_\_isotopes\_\_\_\_\_\_\_\_\_\_

4.4. Fill in the element symbols or names:

Silver \_Ag\_\_ B\_\_\_\_boron\_\_\_\_\_\_ Potassium \_\_K\_\_\_

Lead \_Pb\_\_\_ Au \_\_gold\_\_\_\_\_\_\_ Mg\_\_magnesium\_\_\_\_\_\_\_\_\_

**Mini-quiz #4 Chemistry 1114 section 2 (Fong) 5 Sept 2012 B \_\_/ 9 pts**

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

4.1. Before 1913, according to Boyle and Dalton, different elements have

different\_\_\_\_masses\_\_\_\_\_\_\_\_\_\_

4.2. After 1913, according to Aston, Rutherford and the English physicists, different elements

have different \_\_\_\_proton\_\_\_\_\_\_\_\_\_ counts

4.3. The different `flavors’ of a given element are colled \_\_\_\_\_isotopes\_\_\_\_\_\_\_\_\_

4.4. Fill in the element symbols or names:

Gold \_Au\_\_ Si\_\_\_\_\_silicon\_\_\_ Potassium \_\_K\_\_\_

Mercury \_\_Hg\_\_ Fe \_\_iron\_\_\_\_\_\_\_\_\_\_ Cu copper

Mi**ni-quiz #4 Chemistry 1114 section 2 (Fong) 5 Sept 2012 C \_\_/ 9 pts**

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

4.1. Before 1913, according to Boyle and Dalton, different elements have

different\_\_\_\_masses\_\_\_\_\_\_\_\_\_

4.2. After 1913, according to Aston, Rutherford and the English physicists, different elements

have different \_\_\_\_proton\_\_\_\_\_\_\_\_\_ counts

4.3. The different `flavors’ of a given element are colled \_\_\_isotopes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.4. Fill in the element symbols or names:

Silver \_Ag\_ K\_\_\_\_\_potassium\_\_ Magnesium \_Mg\_\_\_\_

Mercury \_Hg\_\_\_ Mn \_\_\_manganese\_\_\_ Cr\_\_\_chromium\_\_\_\_