**Mini-quiz #6 Chemistry 1114 section 2 (Fong) 8 Sept 2014 6 pts A**

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

1)An element with a specific count of neutrons is a(n) \_\_\_\_\_isotope\_\_\_\_\_\_\_\_\_\_\_\_ of the element.

2) Electrons are: ***heavier lighter the same mass*** as protons. (Circle your choice)

3) How many neutrons in 13C (C has 6 protons). \_\_\_\_\_\_7\_\_\_\_\_\_\_\_\_

4) Provide names or symbols for the elements below: (spelling counts)

Mg\_\_\_\_magnesium\_\_\_\_\_\_\_\_\_\_\_\_\_\_ lead \_Pb\_\_\_\_\_\_\_\_ K\_\_\_\_\_\_\_potassium\_\_\_\_

**Mini-quiz #6 Chemistry 1114 section 2 (Fong) 8 Sept 2014 6 pts B**

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

1) 65Cu contains how many neutrons (Cu has 29 protons) \_\_\_\_\_\_\_36\_\_\_\_\_\_\_\_\_\_\_

2) Neutrons are: **heavier lighter the same mass** as protons. (Circle your choice)

3) An element with a specific neutron count is a(n) \_\_\_\_\_isotope\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of that element

4) Provide names or symbols for the elements below: (spelling counts!)

Mn\_\_\_manganese\_\_\_\_\_\_ silver \_\_\_Ag\_\_\_ Pb\_\_\_\_\_\_\_\_\_lead\_\_\_\_\_\_\_\_\_\_

**Mini-quiz #6 Chemistry 1114 section 2 (Fong) 8 Sept 2014 6 pts C**

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

1) Provide names or symbols for the elements below:

Au\_\_\_gold\_\_\_\_\_\_\_\_\_ arsenic\_\_As\_\_\_ B \_\_\_\_Boron\_\_\_\_\_\_\_\_\_\_

2) 81Br contains how many protons given that it has 46 neutrons ? \_\_\_35\_\_\_\_\_\_\_\_protons

3) 13C and 12C are both \_\_isotopes\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of C.

4) Protons are **heavier lighter the same mass** as electrons. (Circle your choice)