**Chem 1013: mini-quiz #3: Friday 28 Jan 5 pts A**

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

1)What is the ratio of electron radius to nuclear radius ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

68

2)How many neutrons in : Zn \_\_\_\_\_\_\_\_\_\_\_\_\_

30

3)What is the term applied to an element with a specific count of neutrons ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) Atomic number is the same as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5)What defines an element ?

a) proton count

b) mass number

c) neutron count

d) electron cloud radius

6) Mass number is: (p=protons, e=electrons, n= neutrons)

a) #p + +e

b) #p

c) #n

d) #p + # n

**Chem 1013: mini-quiz #3: Friday 28 Jan 5 pts B**

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

59

1)How many neutrons in : Fe \_\_\_\_\_\_\_\_\_\_\_\_\_

26

2) proton count is the same as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3)What defines an element ?

a) electron cloud radius

a)mass number

b) proton count

c) neutron count

4)What is the term applied to an element with a specific count of neutrons ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) Mass number is: (p=protons, e=electrons, n= neutrons)

a) #p + +n

b) #p

c) #n

d) #p + # e

What is the ratio of electron radius to nuclear radius ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_