**Chem 1013: mini-quiz #2: more element names; landscape of the atom Friday 26 Jan**

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

1. **Be** is the symbol for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (spelling counts)
2. Which is heavier : electrons or protons ? (circle answer)

3) which atomic particle occupies most of the atom’s volume: (circle answer)

i) protons ii) neutrons iii) nucleus iv) electrons

1. The atomic number of an element is the same as:

i)# of neutrons ii) # of protons + # of neutrons iii) # protons iv) same as atomic mass

1. The ratio of the radius of an electron orbit/radius of its nucleus is about :

 i)100,000/1 ii) 1/100,000 iii) 99.999% iv) 0.0000000001

1. Which is not always true about elements:
2. # electrons=#protons in neutral element
3. Nucleus contains 99.9 % of the element mass
4. Mass of a proton ~ mass of neutron
5. #protons = # neutrons

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