**Chapter 2 Practice Quiz**

8Li+

1. What is the element name?
2. What is the mass number?
3. Why is the mass # different from what’s listed on the periodic table?
4. How many protons does it have?
5. How many neutrons does it have?
6. How many electrons does it have?
7. What type of ion is it?
8. What family does it belong to?
9. What do you know about its reactivity?
10. How many valence electrons?
11. What type of bond would it form?
12. If you add a proton, how would it change?
13. If you add a neutron, how would it change?
14. If you add an electron, how would it change?
15. Name the following:

a) AlF3

b) NBr3

c) Ag2S

d) H3PO3

e) PbO\*7H2O

f) HF

1. Write formulas for the following:

a) carbonic acid e) zinc hydroxide

b) calcium phosphate f) dinitrogen tetroxide

c) hydrosulfuric acid g) tin (IV) sulfide

d) copper (III) oxide hexahydrate