Periodic Table Worksheet

Use a Periodic table to find the information asked for below:

1. What is the atomic number of:
   - Calcium____
   - Iron____
   - Gold____
   - Uranium____

2. What is the Atomic mass of:
   - Calcium____
   - Iron____
   - Uranium____
   - Copper____

3. How many protons do the following have?
   - Calcium have____
   - Gold____
   - Copper____
   - Iron____

4. How many electrons do the following have?
   - Gold have____
   - Iron_____  
   - Copper_____  
   - Uranium_____  

5. Does mercuray have more protons and electrons than tin?

6. Is mercury a heavier element than tin?

7. Does potassium have more electrons than neon?

8. Does hydrogen have more electrons than Uranium?

9. Which has more protons, sulfur or iodine?

10. Which has more protons, iodine or silver?

11. In the boxes below make Bohr models for each of the elements.
    a. Determine how many electrons, protons, and neutrons there are in each atom.
    b. Draw a Bohr model of each element using the number of electrons, protons, and neutrons
    c. NOTE: The first energy level can only hold up to 2 electrons. The second energy level can hold up to 8 electrons.

|_________ Electrons | ___________ Electrons |
|_________ Protons    | _________ Protons     |
| HELIUM              | OXYGEN               |
|_________ Neutrons   | ___________ Neutrons |
12. Study the following model of an atom and answer the following questions:

Key:
- Particles with no charge
- Particles with negative charge
+ Particles with positive charge

a. How many electrons does this atom have? _________________
b. How many protons? _________________
c. How many neutrons? ________________
d. What is the atomic number? ________________
e. Find the name of this element by referring to the periodic chart. _______________________

13. Write the symbols or the names for each of these elements:

Chlorine ___________________ Zn
Copper ___________________ Helium _____________
Potassium ___________________ Iron ________________
Silver ___________________ P
___________________ Na Ne
___________________ Sn Mercury ________________