Name_____

Period_____

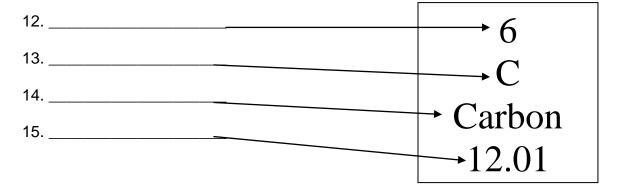
Directions: Answer the questions with the proper information using your notes, book, and the periodic table.				
1.	Define a family			
2.	What is a period?			
3.	What is the symbol for the following elements.			
	a. Magnesium	b. Potassium		
	c. Iron	d. Copper		
4.	. What are the names of the following elements.			
	a. C	b. Cl		
	c. Au	d. Sr		
5.	What period are the following elements in?			
	a. He	b. Ge		
	c. Rb	d. I		
6.	What group are the following elements?			
	a. Sulfur	b. Ca		
	c. lodine	d. Fe		
7.	7. Give me an atom with the following characteristics.			
	a. Halogen	b. Chalogen		
	c. Alkali metal	d. Boron		
	e. Lanthanide series	_f. Alkaline Earth metal		
	g. Transition metal	h. Nobel gas		

Name_____ Period_____

Directions: Use your Periodic table to complete the worksheet.

- 1. What is the atomic symbol for silver?
- 2. What is the atomic mass of mercury?
- 3. Ni is the symbol for what element?
- 4. The element that has the atomic number 17 is?
- 5. List the symbols for two transition metals.
- 6. Cu, Ag, and Au are all in what group #
- 7. Name two noble gases
- 8. Give the symbol for two halogens.
- 9. What is the symbol for element with atomic number 74?
- 10. What is the atomic mass of copper?
- 11. What is the last element in period 4?

For questions 12 - 15, label the following Key box as it should appear on your periodic table



Name	Period
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6.4 c Periodic Table of Elements Directions: Use the periodic table to fill in the below chart. # of Rounded (show work) Atomic Atomic Element Symbol Number protons # of electrons Mass Atomic Mass # of Neutrons Period 16 - 8 = **8** 0 8 15.999 2 Oxygen 8 8 16 1 2 Helium 3 Carbon 4 Aluminum 5 Calcium 6 Sodium 7 Potassium 8 Nitrogen 9 Silicon 10 Iron

11

Hydrogen

Period_____

Name_____

Directions: Use a Periodic table	e 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 h Calcium Gold Copper Iron 3. How many protons do the following h Calcium Indicates the following h Indicates the followi	nave?
4. How many electrons do the following Gold Iron Copper Uranium	have?
5. Does mercury have more protons an	d electrons than tin?
6. Is mercury a heavier element than tir	n?
7. Does potassium have more electrons	s than neon?
8. Does hydrogen have more electrons	than Uranium?
9. Which has more protons, sulfur or iod	dine?
10. Write the symbols or the names for Chlorine	each of these elements: Zn
Copper	Helium
Potassium	Iron
Silver	P
Na	Ne
Sn	Mercury