

Name: _____

Date _____

Period: _____

Biochem: Elements & Compounds

1. Write the symbol of the element from the name

Hydrogen		Nitrogen		Sulfur	
Carbon		Sodium		Phosphorus	
Oxygen		Calcium		Mercury	

2. Write the name of the element from the symbol

K		Cl		Na	
Zn		Se		I	
O		Fe		F	

3. Write the number of protons in the nucleus of the element

H		Nitrogen		Sulfur	
Carbon		Na		P	
O		Ca		Mercury	

4. Write the number of electrons associated with the element

H		Nitrogen		Sulfur	
Carbon		Na		P	
O		Ca		Mercury	

5. Fill in the correct number in each box

element	protons	neutrons	electrons
Na			
K			
C			
O			
H			

6. How many electrons are in each energy level?

H		Nitrogen		Sulfur	
Carbon	<i>Example -2,4</i>	Na		P	
O		Ca		K	

Draw the following:

1. Sodium ion

2. Chlorine ion

3. An ionic bond between sodium & chlorine

4. A covalent bond between hydrogen & oxygen to form water (H₂O)