

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## Atomic Structure and the Periodic Table Worksheet

Name	Symbol	Family Group	Period	Atomic #	#p+	#n	#e-
Neon							
Carbon							
	O						
	Cr						
		Halogen	5				
Uranium							
					82		
	Ag						
					36		
				37			
		Nobel gas	1				
		Alkali metal	4				
	Sn						

**Answer these questions.**

1. Explain where the weight of an atom is found, what is responsible for that weight, and why.
2. What are protons? Explain what value or function they serve in an atom.
3. What are electrons? Explain what value or function they serve in an atom.
4. What are neutrons? Explain what value or function they serve in an atom.
5. Explain the "Plum Pudding" model.
6. What valuable and amazing information was discovered in the Gold Foil experiment?
7. When Niels Bohr refined the model of an atom, what new idea did he include?