

Name _____ Pd _____ Date _____

Electron Configuration Worksheet v2

1. Write the orbital notation and electron configuration notation for the elements below.

Element	Orbital Notation	Electron Configuration Notation
Hydrogen		
Helium		
Lithium		
Beryllium		
Boron		
Carbon		
Nitrogen		
Oxygen		
Fluorine		
Neon		

2. Write the noble gas notation for the elements below.

Element	Noble Gas Notation	Element	Noble Gas Notation
Potassium		Calcium	
Scandium		Zinc	
Gallium		Bromine	
Krypton		Strontium	
Yttrium		Tin	
Tellurium		Cesium	
Barium		Mercury	
Bismuth		Astatine	
Radon		Francium	
Radium			

3. Compare and contrast the electron configurations for hydrogen, lithium, potassium and cesium.

4. How does this relate to where hydrogen, lithium, potassium and cesium are placed on the periodic table?

5. Compare and contrast the electron configurations for beryllium, calcium and strontium.

6. How does this relate to where beryllium, calcium and strontium are placed on the periodic table?

7. Compare and contrast the electron configurations for neon, krypton and radon.

8. How does this compare to where neon, krypton and radon are placed on the periodic table?