

Electron Configuration Practice

Draw the electron Configuration of the following atoms.

Atom	Electron Configuration
H	
Li	
Be	
C	
O	
Ne	
Mg	
Al	
P	
Cl	
K	
Co	

Electron Configurations

Name _____

PART A – ORBITAL DIAGRAMS & ELECTRON CONFIGURATION

Use the patterns within the periodic table to draw orbital diagrams and write electron configurations for the following atoms.

	Symbol	# e ⁻	Orbital Diagram and Electron Configuration
1.	Mg		
2.	P		
3.	V		
4.	Ge		
5.	Kr		
6.	O		

PART B – ABBREVIATED ELECTRON CONFIGURATION

Use the patterns within the periodic table to write the shorthand electron configurations for the following elements.

	Symbol	# e ⁻	Abbreviated Electron Configuration
7.	Ca		
8.	Pb		
9.	F		
10.	Y		