

Electron Configurations

Name _____

Date _____ Per _____

PART A – ORBITAL DIAGRAMS & COMPLETE ELECTRON CONFIGURATION

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

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

PART B – NOBLE GAS CONFIGURATION

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

	Symbol	# e⁻	Noble Gas Electron Configuration
7.	Ho		
8.	Rh		
9.	Lr		
10.	Te		
11.	Br		
12.	Ra		
13.	Pr		
14.	Hg		
15.	Xe		