

Topic: Electron Configurations	Name:	Date:
Questions/Main Ideas:	Notes:	
What is an electron configuration?	An <u>electron configuration</u> is	
Quick review: How many electrons are in Na ? Why?		
How many electrons in F⁻ ? Why?		
How do you write an electron configuration?	1.	
	2.	
	<i>Use the tool to the right to find the correct order to fill the orbitals.</i>	
What is the electron configuration for S ? Number of electrons: ____	Remember, an <i>s</i> orbital holds ____ electrons, a <i>p</i> orbital holds ____ electrons, <i>d</i> orbitals hold ____, and <i>f</i> holds ____	
		1s
		2s 2p
		3s 3p 3d
		4s 4p 4d 4f
		5s 5p 5d 5f
What is the electron configuration for Na ? Number of electrons: ____		6s 6p 6d 6f
		7s 7p 7d 7f
What is the electron configuration for Cu ? Number of electrons: ____		
Summary and Question(s) I have:		