

Name _____

Quantum Electron Configurations

1) Using the one box filled in as a clue, fill in the rest of the chart

	# of e-	Energy Level Configuration	Sublevel Configuration	Orbital Notation
H				
	3			
		2-7		
Ne				
	11			
			1s ² 2s ² 2p ⁶ 3s ² 3p ³	
Cl				
	20			
			1s ² 2s ² 2p ⁶ 3s ² 3p ⁶ 4s ² 3d ¹⁰ 4p ²	