Periodic Table

												B	C	N			
	Mg											Al	Si		S		
			Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga			Se		
			Zr	Nb	Mo				Ag	Cd	In	Sn	Sb	Te	Yb		
				Ta	W				Au				Pb	Bi			
																Yb	

Condensed Subshell Configuration

												[He] $2s^2$ $2p^1$	[He] $2s^2$ $2p^2$	[He] $2s^2$ $2p^3$			
	[Ne] $3s^2$											[Ne] $3s^2$ $3p^1$	[Ne] $3s^2$ $3p^2$		[Ne] $3s^2$ $3p^4$		
			[Ar] $3d^2$ $4s^2$	[Ar] $3d^3$ $4s^2$	[Ar] $3d^5$ $4s^1$	[Ar] $3d^5$ $4s^2$	[Ar] $3d^6$ $4s^2$	[Ar] $3d^7$ $4s^2$	[Ar] $3d^8$ $4s^2$	[Ar] $3d^9$ $4s^2$	[Ar] $3d^{10}$ $4s^2$	[Ar] $3d^{10}$ $4s^2$ $4p^1$			[Ar] $3d^{10}$ $4s^2$ $4p^4$		
			[Kr] $4d^2$ $5s^2$	[Kr] $4d^3$ $5s^2$	[Kr] $4d^5$ $5s^1$				[Kr] $4d^8$ $5s^2$	[Kr] $4d^9$ $5s^2$	[Kr] $4d^{10}$ $5s^2$	[Kr] $4d^{10}$ $5s^2$ $5p^1$	[Kr] $4d^{10}$ $5s^2$ $5p^2$	[Kr] $4d^{10}$ $5s^2$ $5p^3$	[Kr] $4d^{10}$ $5s^2$ $5p^4$		
				[Xe] $5d^3$ $6s^2$	[Xe] $5d^5$ $6s^1$				[Xe] $5d^8$ $6s^2$				[Xe] $5d^{10}$ $6s^2$ $6p^2$	[Xe] $5d^{10}$ $6s^2$ $6p^3$			
																[Xe] $4f^{14}$ $6s^2$	

Subshell Configuration

													$1s^2\ 2s^2\ 2p^1$	$1s^2\ 2s^2\ 2p^2$	$1s^2\ 2s^2\ 2p^3$			
	$1s^2\ 2s^2\ 2p^6\ 3s^2$												$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^1$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^2$		$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^4$		
			$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^2\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^3\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^5\ 4s^1$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^5\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^6\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^7\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^8\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^9\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^1$			$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^4$		
			$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^2\ 5s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^3\ 5s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^5\ 5s^1$				$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^8\ 5s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^9\ 5s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^{10}\ 5s^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^{10}\ 5s^2\ 5p^1$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^{10}\ 5s^2\ 5p^2$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^{10}\ 5s^2\ 5p^3$	$1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^{10}\ 4s^2\ 4p^6\ 4d^{10}\ 5s^2\ 5p^4$		

Period, Group

												2, 15	2, 16	2, 17			
	3, 2											3, 13	3, 14		3, 15		
			4, 4	4, 5	4, 6	4, 7	4, 8	4, 9	4, 10	4, 11	4, 12	4, 13			4, 16		
			5, 4	5, 5	5, 6				5, 11	5, 12	5, 13	5, 14	5, 15	5, 16	5, 17		
				6, 5	6, 6				6, 11				6, 14	6, 15			