

	1	2	13	14	15	16	17	18
1	1 H $(1s)^1$							2 He $(1s)^2$
2	3 Li	4 Be $(1s)^2 (2s)^2$	5 B $(1s)^2 (2s)^2 (2p)^1$	6 C $(1s)^2 (2s)^2 (2p)^2$	7 N	8 O	9 F $(1s)^2 (2s)^2 (2p)^5$	10 Ne
3	11 Na $(1s)^2 (2s)^2 (2p)^6 (3s)^1$	12 Mg	13 Al	14 Si $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^2$	15 P	16 S $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^4$	17 Cl	18 Ar $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^6$



$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^1$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^5$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^3$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^4$
$(1s)^2 (2s)^2 (2p)^3$	$(1s)^2 (2s)^1$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^3$	$(1s)^2 (2s)^2 (2p)^4$