

Periodic table (atomic number, element symbol, electronegativity, electron configuration)

	IA	IIA	IIIA	IVA	VA	VIA	VIIA	VIII	IB	IIB	IIIB	IVB	VB	VIB	VIIA	0		
1	¹ H 2.1 1s ¹															² He 1s ²		
2	³ Li 1.0 2s ¹	⁴ Be 1.5 2s ²										⁵ B 2.0 2s ² 2p ¹	⁶ C 2.5 2s ² 2p ²	⁷ N 3.0 2s ² 2p ³	⁸ O 3.5 2s ² 2p ⁴	⁹ F 4.0 2s ² 2p ⁵	¹⁰ Ne 2s ² 2p ⁶	
3	¹¹ Na 0.9 3s ¹	¹² Mg 1.2 3s ²										¹³ Al 1.5 3s ² 3p ¹	¹⁴ Si 1.8 3s ² 3p ²	¹⁵ P 2.1 3s ² 3p ³	¹⁶ S 2.5 3s ² 3p ⁴	¹⁷ Cl 3.0 3s ² 3p ⁵	¹⁸ Ar 3s ² 3p ⁶	
4	¹⁹ K 0.8 4s ¹	²⁰ Ca 1.0 4s ²	²¹ Sc 1.3 4s ² 3d ¹	²² Ti 1.5 4s ² 3d ²	²³ V 1.6 4s ² 3d ³	²⁴ Cr 1.6 4s ² 3d ⁴	²⁵ Mn 1.5 4s ² 3d ⁵	²⁶ Fe 1.8 4s ² 3d ⁶	²⁷ Co 1.8 4s ² 3d ⁷	²⁸ Ni 1.8 4s ² 3d ⁸	²⁹ Cu 1.9 4s ² 3d ⁹	³⁰ Zn 1.6 4s ² 3d ¹⁰	³¹ Ga 1.6 4s ² 3d ¹⁰ 4p ¹	³² Ge 1.8 (*1)4p ²	³³ As 1.0 (*1)4p ³	³⁴ Se 2.4 (*1)4p ⁴	³⁵ Br 2.8 (*1)4p ⁵	³⁶ Kr (*1)4p ⁶
5	³⁷ Rb 0.8 5s ¹	³⁸ Sr 1.0 5s ²	³⁹ Y 1.2 5s ² 4d ¹	⁴⁰ Zr 1.4 5s ² 4d ²	⁴¹ Nb 1.6 5s ² 4d ³	⁴² Mo 1.8 5s ² 4d ⁴	⁴³ Tc 1.9 5s ² 4d ⁵	⁴⁴ Ru 2.2 5s ² 4d ⁶	⁴⁵ Rh 2.2 5s ² 4d ⁷	⁴⁶ Pd 2.2 5s ² 4d ⁸	⁴⁷ Ag 1.9 5s ² 4d ⁹	⁴⁸ Cd 1.7 5s ² 4d ¹⁰	⁴⁹ In 1.7 5s ² 4d ¹⁰ 5p ¹	⁵⁰ Sn 1.8 (*2)5p ²	⁵¹ Sb 1.9 (*2)5p ³	⁵² Te 2.1 (*2)5p ⁴	⁵³ I 2.5 (*2)5p ⁵	⁵⁴ Xe (*2)5p ⁶
6	⁵⁵ Cs 0.7 6s ¹	⁵⁶ Ba 0.9 6s ²	*Lnt 1.1-1.2 57-71	⁷² Hf 1.3 (*3)5d ²	⁷³ Ta 1.5 (*3)5d ³	⁷⁴ W 1.7 (*3)5d ⁴	⁷⁵ Re 1.9 (*3)5d ⁵	⁷⁶ Os 2.2 (*3)5d ⁶	⁷⁷ Ir 2.2 (*3)5d ⁷	⁷⁸ Pt 2.2 (*3)5d ⁸	⁷⁹ Au 2.4 (*3)5d ⁹	⁸⁰ Hg 1.9 (*3)5d ¹⁰	⁸¹ Tl 1.8 (*4)6p ¹	⁸² Pb 1.8 (*4)6p ²	⁸³ Bi 1.9 (*4)6p ³	⁸⁴ Po 2.0 (*4)6p ⁴	⁸⁵ At 2.2 (*4)6p ⁵	⁸⁶ Rn (*4)6p ⁶
7	⁸⁷ Fr 0.7 7s ¹	⁸⁸ Ra 0.9 7s ²	*Act 89-103															

Inner shell electrons are omitted. Also, (*1) ≡ 4s²3d¹⁰ , (*2) ≡ 5s²4d¹⁰ , (*3) ≡ 6s²4f¹⁴ , (*4) ≡ 6s²4f¹⁴5d¹⁰

*Lnt (Lanthanides)

⁵⁷ La 6s ² 5d ¹	⁵⁸ Ce 6s ² 5d ¹ 4f	⁵⁹ Pr 6s ² 4f ³	⁶⁰ Nd 6s ² 4f ⁴	⁶¹ Pm 6s ² 4f ⁵	⁶² Sm 6s ² 4f ⁶	⁶³ Eu 6s ² 4f ⁷	⁶⁴ Gd 6s ² 4f ⁸	⁶⁵ Tb 6s ² 4f ⁹	⁶⁶ Dy 6s ² 4f ¹⁰	⁶⁷ Ho 6s ² 4f ¹¹	⁶⁸ Er 6s ² 4f ¹²	⁶⁹ Tm 6s ² 4f ¹³	⁷⁰ Yb 6s ² 4f ¹⁴	⁷¹ Lu 6s ² 5d ¹ 4f ¹⁴
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*Act (Actinides)

⁸⁹ Ac 7s ² 6d ¹	⁹⁰ Th 7s ² 6d ²	⁹¹ Pa 7s ² 6d ³	⁹² U 7s ² 6d ¹ 5f ³	⁹³ Np 7s ² 6d ⁵ 4f ⁴	⁹⁴ Pu 7s ² 5f ⁶	⁹⁵ Am 7s ² 5f ⁷	⁹⁶ Cm 7s ² 6d ¹ 5f ⁷	⁹⁷ Bk 7s ² 5f ⁹	⁹⁸ Cf 7s ² 5f ¹⁰	⁹⁹ Es 7s ² 5f ¹¹	¹⁰⁰ Fm (7s ² 5f ¹²)	¹⁰¹ Md (7s ² 5f ¹³)	¹⁰² No (7s ² 5f ¹⁴)	¹⁰³ Lr (7s ² 6d ¹ 5f ¹⁴)
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The electron configurations shown in parentheses are estimated configurations.