

Electronegativity and Electron configuration

1. H - 2.2	$1s^1$	51. Sb - 2.05	$[\text{Kr}] 4d^{10} 5s^2 5p^3$	101. Md - 1.3	$[\text{Rn}] 5f^{13} 7s^2$
2. He	$1s^2$	52. Te - 2.1	$[\text{Kr}] 4d^{10} 5s^2 5p^4$	102. No - 1.3	$[\text{Rn}] 5f^{14} 7s^2$
3. Li - 0.98	$[\text{He}] 2s^1$	53. I - 2.66	$[\text{Kr}] 4d^{10} 5s^2 5p^5$	103. Lr - 1.3	$[\text{Rn}] 5f^{14} 7s^2 7p^1$
4. Be - 1.57	$[\text{He}] 2s^2$	54. Xe - 2.6	$[\text{Kr}] 4d^{10} 5s^2 5p^6$	104. Rf	$[\text{Rn}] 5f^{14} 6d^2 7s^2$
5. B - 2.04	$[\text{He}] 2s^2 2p^1$	55. Cs - 0.79	$[\text{Xe}] 6s^1$	105. Db	$[\text{Rn}] 5f^{14} 6d^3 7s^2$
6. C - 2.55	$[\text{He}] 2s^2 2p^2$	56. Ba - 0.89	$[\text{Xe}] 6s^2$	106. Sg	$[\text{Rn}] 5f^{14} 6d^4 7s^2$
7. N - 3.04	$[\text{He}] 2s^2 2p^3$	57. La - 1.1	$[\text{Xe}] 5d^1 6s^2$	107. Bh	$[\text{Rn}] 5f^{14} 6d^5 7s^2$
8. O - 3.44	$[\text{He}] 2s^2 2p^4$	58. Ce - 1.12	$[\text{Xe}] 4f^1 5d^1 6s^2$	108. Hs	$[\text{Rn}] 5f^{14} 6d^6 7s^2$
9. F - 3.98	$[\text{He}] 2s^2 2p^5$	59. Pr - 1.13	$[\text{Xe}] 4f^3 6s^2$	109. Mt	$[\text{Rn}] 5f^{14} 6d^7 7s^2$
10. Ne	$[\text{He}] 2s^2 2p^6$	60. Nd - 1.14	$[\text{Xe}] 4f^4 6s^2$	110. Ds	$[\text{Rn}] 5f^{14} 6d^8 7s^2$
11. Na - 0.93	$[\text{Ne}] 3s^1$	61. Pm - 1.13	$[\text{Xe}] 4f^5 6s^2$	111. Rg	$[\text{Rn}] 5f^{14} 6d^9 7s^2$
12. Mg - 1.31	$[\text{Ne}] 3s^2$	62. Sm - 1.17	$[\text{Xe}] 4f^6 6s^2$	112. Cn	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2$
13. Al - 1.61	$[\text{Ne}] 3s^2 3p^1$	63. Eu - 1.2	$[\text{Xe}] 4f^7 6s^2$	113. Nh	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^1$
14. Si - 1.9	$[\text{Ne}] 3s^2 3p^2$	64. Gd - 1.2	$[\text{Xe}] 4f^7 5d^1 6s^2$	114. Fl	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^2$
15. P - 2.19	$[\text{Ne}] 3s^2 3p^3$	65. Tb - 1.1	$[\text{Xe}] 4f^9 6s^2$	115. Mc	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^3$
16. S - 2.58	$[\text{Ne}] 3s^2 3p^4$	66. Dy - 1.22	$[\text{Xe}] 4f^{10} 6s^2$	116. Lv	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^4$
17. Cl - 3.16	$[\text{Ne}] 3s^2 3p^5$	67. Ho - 1.23	$[\text{Xe}] 4f^{11} 6s^2$	117. Ts	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^5$
18. Ar	$[\text{Ne}] 3s^2 3p^6$	68. Er - 1.24	$[\text{Xe}] 4f^{12} 6s^2$	118. Og	$[\text{Rn}] 5f^{14} 6d^{10} 7s^2 7p^6$
19. K - 0.82	$[\text{Ar}] 4s^1$	69. Tm - 1.25	$[\text{Xe}] 4f^{13} 6s^2$		
20. Ca - 1	$[\text{Ar}] 4s^2$	70. Yb - 1.1	$[\text{Xe}] 4f^{14} 6s^2$		
21. Sc - 1.36	$[\text{Ar}] 3d^1 4s^2$	71. Lu - 1.27	$[\text{Xe}] 4f^{14} 5d^1 6s^2$		
22. Ti - 1.54	$[\text{Ar}] 3d^2 4s^2$	72. Hf - 1.3	$[\text{Xe}] 4f^{14} 5d^2 6s^2$		
23. V - 1.63	$[\text{Ar}] 3d^3 4s^2$	73. Ta - 1.5	$[\text{Xe}] 4f^{14} 5d^3 6s^2$		
24. Cr - 1.66	$[\text{Ar}] 3d^5 4s^1$	74. W - 2.36	$[\text{Xe}] 4f^{14} 5d^4 6s^2$		
25. Mn - 1.55	$[\text{Ar}] 3d^5 4s^2$	75. Re - 1.9	$[\text{Xe}] 4f^{14} 5d^5 6s^2$		
26. Fe - 1.83	$[\text{Ar}] 3d^6 4s^2$	76. Os - 2.2	$[\text{Xe}] 4f^{14} 5d^6 6s^2$		
27. Co - 1.88	$[\text{Ar}] 3d^7 4s^2$	77. Ir - 2.2	$[\text{Xe}] 4f^{14} 5d^7 6s^2$		
28. Ni - 1.91	$[\text{Ar}] 3d^8 4s^2$	78. Pt - 2.28	$[\text{Xe}] 4f^{14} 5d^9 6s^1$		
29. Cu - 1.9	$[\text{Ar}] 3d^{10} 4s^1$	79. Au - 2.54	$[\text{Xe}] 4f^{14} 5d^{10} 6s^1$		
30. Zn - 1.65	$[\text{Ar}] 3d^{10} 4s^2$	80. Hg - 2	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2$		
31. Ga - 1.81	$[\text{Ar}] 3d^{10} 4s^2 4p^1$	81. Tl - 1.62	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^1$		
32. Ge - 2.01	$[\text{Ar}] 3d^{10} 4s^2 4p^2$	82. Pb - 1.87	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^2$		
33. As - 2.18	$[\text{Ar}] 3d^{10} 4s^2 4p^3$	83. Bi - 2.02	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^3$		
34. Se - 2.55	$[\text{Ar}] 3d^{10} 4s^2 4p^4$	84. Po - 2	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^4$		
35. Br - 2.96	$[\text{Ar}] 3d^{10} 4s^2 4p^5$	85. At - 2.2	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^5$		
36. Kr - 3	$[\text{Ar}] 3d^{10} 4s^2 4p^6$	86. Rn - 2.2	$[\text{Xe}] 4f^{14} 5d^{10} 6s^2 6p^6$		
37. Rb - 0.82	$[\text{Kr}] 5s^1$	87. Fr - 0.79	$[\text{Rn}] 7s^1$		
38. Sr - 0.95	$[\text{Kr}] 5s^2$	88. Ra - 0.9	$[\text{Rn}] 7s^2$		
39. Y - 1.22	$[\text{Kr}] 4d^1 5s^2$	89. Ac - 1.1	$[\text{Rn}] 6d^1 7s^2$		
40. Zr - 1.33	$[\text{Kr}] 4d^2 5s^2$	90. Th - 1.3	$[\text{Rn}] 6d^2 7s^2$		
41. Nb - 1.6	$[\text{Kr}] 4d^4 5s^1$	91. Pa - 1.5	$[\text{Rn}] 5f^2 6d^1 7s^2$		
42. Mo - 2.16	$[\text{Kr}] 4d^5 5s^1$	92. U - 1.38	$[\text{Rn}] 5f^3 6d^1 7s^2$		
43. Tc - 1.9	$[\text{Kr}] 4d^5 5s^2$	93. Np - 1.36	$[\text{Rn}] 5f^4 6d^1 7s^2$		
44. Ru - 2.2	$[\text{Kr}] 4d^7 5s^1$	94. Pu - 1.28	$[\text{Rn}] 5f^6 7s^2$		
45. Rh - 2.28	$[\text{Kr}] 4d^8 5s^1$	95. Am - 1.13	$[\text{Rn}] 5f^7 7s^2$		
46. Pd - 2.2	$[\text{Kr}] 4d^{10}$	96. Cm - 1.28	$[\text{Rn}] 5f^7 6d^1 7s^2$		
47. Ag - 1.93	$[\text{Kr}] 4d^{10} 5s^1$	97. Bk - 1.3	$[\text{Rn}] 5f^9 7s^2$		
48. Cd - 1.69	$[\text{Kr}] 4d^{10} 5s^2$	98. Cf - 1.3	$[\text{Rn}] 5f^{10} 7s^2$		
49. In - 1.78	$[\text{Kr}] 4d^{10} 5s^2 5p^1$	99. Es - 1.3	$[\text{Rn}] 5f^{11} 7s^2$		
50. Sn - 1.96	$[\text{Kr}] 4d^{10} 5s^2 5p^2$	100. Fm - 1.3	$[\text{Rn}] 5f^{12} 7s^2$		