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| 1 1 H Hydrogen -1, 1 1s ¹ | | 2 4 Be Beryllium 9.0122 1278 2970 1.5 | | 3 1 Li Lithium 6.94 180.54 1347 1.0 | | 4 2 B Boron 10.81 2079 2550 2.0 | | 5 3 C Carbon 12.011 3367 4827 2.5 | | 6 7 N Nitrogen 14.007 -209.86 -195.8 3.1 | | 8 8 O Oxygen 15.999 -218.4 -182.96 3.5 | | 9 9 F Fluorine 18.998 -219.62 -188.14 4.1 | | 10 10 Ne Neon 20.180 -248.67 -246.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 1 Na Sodium 22.990 97.81 882.9 1.0 | | 12 2 Mg Magnesium 24.305 648.8 1090 1.2 | | 13 3 Al Aluminium 26.982 660.37 2467 1.5 | | 14 4 Si Silicon 28.085 1410 2355 1.7 | | 15 5 P Phosphorus 30.974 44.1 280 2.1 | | 16 6 S Sulfur 32.06 112.8 444.67 2.4 | | 17 7 Cl Chlorine 35.45 -100.98 -34.6 2.8 | | 18 8 Ar Argon 39.95 -189.2 -185.7 | | 19 9 K Potassium 39.098 63.65 774 0.9 | | 20 2 Ca Calcium 40.078(4) 839 1484 1.0 | | 21 3 Sc Scandium 44.956 1541 2831 1.2 | | 22 4 Ti Titanium 47.867 1660 3287 1.3 | | 23 5 V Vanadium 50.942 1890 3380 1.5 | | 24 6 Cr Chromium 51.996 1857 2672 1.6 | | 25 7 Mn Manganese 54.938 1244 1962 1.6 | | 26 8 Fe Iron 55.845(2) 1535 2750 1.6 | | 27 9 Co Cobalt 58.933 1495 2870 1.7 | | 28 10 Ni Nickel 58.693 1453 2732 1.8 | | 29 11 Cu Copper 63.546(3) 1083 907 1.8 | | 30 12 Zn Zinc 65.38(2) 419.6 907 1.7 | | 31 3 Ga Gallium 69.723 29.78 2403 1.8 | | 32 4 Ge Germanium 72.630(8) 937.4 2830 2.0 | | 33 5 As Arsenic 74.922 817 613 2.2 | | 34 6 Se Selenium 78.971(8) 217 684.9 2.5 | | 35 7 Br Bromine 79.904 -7.2 58.78 2.7 | | 36 8 Kr Krypton 83.798(2) -156.6 -152.3 | |
| 37 1 Rb Rubidium 85.468 38.89 688 0.9 | | 38 2 Sr Strontium 87.62 769 1384 1.0 | | 39 3 Y Yttrium 88.906 1522 3338 1.1 | | 40 4 Zr Zirconium 91.224(2) 1852 4377 1.2 | | 41 5 Nb Niobium 92.906 2468 4742 1.2 | | 42 6 Mo Molybdenum 95.95 2617 4612 1.3 | | 43 7 Tc Technetium 98.906 2172 4877 1.4 | | 44 8 Ru Ruthenium 101.07(2) 2310 3900 1.4 | | 45 9 Rh Rhodium 102.91 1966 3727 1.5 | | 46 10 Pd Palladium 106.42 1552 3140 1.4 | | 47 11 Ag Silver 107.87 961.9 2212 1.4 | | 48 12 Cd Cadmium 112.41 320.9 765 1.5 | | 49 3 In Indium 114.82 156.6 2080 1.5 | | 50 4 Sn Tin 118.71 232.0 2270 1.7 | | 51 5 Sb Antimony 121.76 630.7 1750 1.8 | | 52 6 Te Tellurium 127.60(3) 449.5 990 2.0 | | 53 7 I Iodine 126.90 113.5 184.4 2.2 | | 54 8 Xe Xenon 131.29 -111.9 -107.1 | | | | | | | | | | | | | | | | | |
| 55 1 Cs Caesium 132.91 28.40 678.4 0.9 | | 56 2 Ba Barium 137.33 725 1640 1.0 | | 57-71 3 La Lanthanum 138.91 921 3457 1.1 | | 58 4 Ce Cerium 140.12 799 3426 1.1 | | 59 5 Pr Praseodymium 140.91 931 3512 1.1 | | 60 6 Nd Neodymium 144.24 1021 3068 1.1 | | 61 7 Pm Promethium 147.07 1077 3266 1.1 | | 62 8 Sm Samarium 150.36(2) 1168 2460 1.1 | | 63 9 Eu Europium 151.96 822 1597 1.0 | | 64 10 Gd Gadolinium 157.25(3) 1313 3123 1.1 | | 65 11 Tb Terbium 158.93 1356 3123 1.1 | | 66 12 Dy Dysprosium 162.50 1412 2562 1.1 | | 67 3 Ho Holmium 164.93 1474 2695 1.1 | | 68 4 Er Erbium 167.26 1497 2900 1.1 | | 69 5 Tm Thulium 168.93 1545 1947 1.1 | | 70 6 Yb Ytterbium 173.05 819 1194 1.1 | | 71 7 Lu Lutetium 174.97 1663 3395 1.1 | | | | | | | | | | | | | | | | | | | |
| 87 1 Fr Francium 223.027 677 0.9 | | 88 2 Ra Radium 226.025 700 1140 1.0 | | 89-103 3 Rf Rutherfordium 261.103 1049 2610 1.0 | | 90 4 Th Thorium 232.04 1750 4790 1.1 | | 91 5 Pa Protactinium 231.04 1600 4790 1.1 | | 92 6 U Uranium 238.03 1132 3818 1.2 | | 93 7 Np Neptunium 237.04 640 3902 1.2 | | 94 8 Pu Plutonium 244.064 641 3232 1.2 | | 95 9 Am Americium 243.061 994 2607 ~1.2 | | 96 10 Cm Curium 247.070 1340 ~1.2 | | 97 11 Bk Berkelium 247.070 ~1.2 | | 98 12 Cf Californium 251.083 ~1.2 | | 99 3 Es Einsteinium 252.083 ~1.2 | | 100 4 Fm Fermium 257.103 ~1.2 | | 101 5 Md Mendelevium 258.103 ~1.2 | | 102 6 No Nobelium 259.103 ~1.2 | | 103 7 Lr Lawrencium 262.103 ~1.2 | | | | | | | | | | | | | | | | | | | |

Lanthanides
Lanthanoiden
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Actinides
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| 57 La Lanthanum Xe 5d ¹ 6s ² | 58 Ce Cerium Xe 4f ¹ 5d ¹ 6s ² | 59 Pr Praseodymium Xe 4f ³ 6s ² | 60 Nd Neodymium Xe 4f ⁴ 6s ² | 61 Pm Promethium Xe 4f ⁵ 6s ² | 62 Sm Samarium Xe 4f ⁶ 6s ² | 63 Eu Europium Xe 4f ⁷ 6s ² | 64 Gd Gadolinium Xe 4f ⁷ 5d ¹ 6s ² | 65 Tb Terbium Xe 4f ⁹ 6s ² | 66 Dy Dysprosium Xe 4f ¹⁰ 6s ² | 67 Ho Holmium Xe 4f ¹¹ 6s ² | 68 Er Erbium Xe 4f ¹² 6s ² | 69 Tm Thulium Xe 4f ¹³ 6s ² | 70 Yb Ytterbium Xe 4f ¹⁴ 6s ² | 71 Lu Lutetium Xe 4f ¹⁴ 5d ¹ 6s ² |
| 89 Ac Actinium Rn 6d ¹ 7s ² | 90 Th Thorium Rn 6d ² 7s ² | 91 Pa Protactinium Rn 5f ² 6d ¹ 7s ² | 92 U Uranium Rn 5f ³ 6d ¹ 7s ² | 93 Np Neptunium Rn 5f ⁴ 6d ¹ 7s ² | 94 Pu Plutonium Rn 5f ⁶ 7s ² | 95 Am Americium Rn 5f ⁷ 7s ² | 96 Cm Curium Rn 5f ⁷ 6d ¹ 7s ² | 97 Bk Berkelium Rn 5f ⁹ 7s ² | 98 Cf Californium Rn 5f ¹⁰ 7s ² | 99 Es Einsteinium Rn 5f ¹¹ 7s ² | 100 Fm Fermium Rn 5f ¹² 7s ² | 101 Md Mendelevium Rn 5f ¹³ 7s ² | 102 No Nobelium Rn 5f ¹⁴ 7s ² | 103 Lr Lawrencium Rn 5f ¹⁴ 6d ¹ 7s ² |

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Inorganic Chemistry

Note: The last significant figure of each atomic weight value is considered reliable to ±1 except when a larger single digit uncertainty is inserted in parentheses. No values are listed for elements which lack isotopes with a characteristic isotopic abundance in natural terrestrial samples.