

Periodic Table of the Elements

|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                     |  |                                   |  |
|-------------------------------|--|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------|--|-----------------------------------|--|
| 1<br>H<br>Hydrogen<br>1.0     |  | NON-METALS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 18<br>He<br>Helium<br>4.0           |  |                                   |  |
| 3<br>Li<br>Lithium<br>6.9     |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9<br>F<br>Fluorine<br>19.0          |  | 10<br>Ne<br>Neon<br>20.2          |  |
| 11<br>Na<br>Sodium<br>23.0    |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 17<br>Cl<br>Chlorine<br>35.5        |  | 18<br>Ar<br>Argon<br>39.9         |  |
| 19<br>K<br>Potassium<br>39.1  |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 35<br>Br<br>Bromine<br>79.9         |  | 36<br>Kr<br>Krypton<br>83.8       |  |
| 37<br>Rb<br>Rubidium<br>85.5  |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 53<br>I<br>Iodine<br>126.9          |  | 54<br>Xe<br>Xenon<br>131.3        |  |
| 55<br>Cs<br>Cesium<br>132.9   |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85<br>At<br>Astatine<br>(210)       |  | 86<br>Rn<br>Radon<br>(222)        |  |
| 87<br>Fr<br>Francium<br>(223) |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 117<br>Uus<br>Ununseptium<br>(?)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  | METALS     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Halogens                            |  | Noble Gases                       |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 116<br>Uuh<br>Ununhexium<br>(292)   |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 115<br>Uup<br>Ununpentium<br>(288)  |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 114<br>Uuq<br>Ununquadium<br>(289)  |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 113<br>Uut<br>Ununtrium<br>(284)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 112<br>Uub<br>Ununbium<br>(285)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 111<br>Uuq<br>Ununquadium<br>(289)  |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 110<br>Uuo<br>Ununbium<br>(285)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 109<br>Mt<br>Meitnerium<br>(266)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 108<br>Hs<br>Hassium<br>(265)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 107<br>Bh<br>Bohrium<br>(262)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 106<br>Sg<br>Seaborgium<br>(263)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 105<br>Db<br>Dubnium<br>(262)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 104<br>Rf<br>Rutherfordium<br>(261) |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 103<br>Lr<br>Lawrencium<br>(262)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 102<br>No<br>Nobelium<br>(259)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 101<br>Md<br>Mendelevium<br>(258)   |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 100<br>Fm<br>Fermium<br>(257)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 99<br>Es<br>Einsteinium<br>(252)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 98<br>Cf<br>Californium<br>(251)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 97<br>Bk<br>Berkelium<br>(247)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 96<br>Cm<br>Curium<br>(247)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 95<br>Am<br>Americium<br>(243)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 94<br>Pu<br>Plutonium<br>(244)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 93<br>Np<br>Neptunium<br>(237)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 92<br>U<br>Uranium<br>(238.0)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 91<br>Pa<br>Protactinium<br>(231.0) |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 90<br>Th<br>Thorium<br>(232.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 89<br>Ac<br>Actinium<br>(227)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 88<br>Ra<br>Radium<br>(226)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 87<br>Fr<br>Francium<br>(223)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 86<br>Rn<br>Radon<br>(222)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85<br>At<br>Astatine<br>(210)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84<br>Po<br>Polonium<br>(209)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83<br>Bi<br>Bismuth<br>(209.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82<br>Pb<br>Lead<br>(207.2)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 81<br>Tl<br>Thallium<br>(204.4)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80<br>Hg<br>Mercury<br>(200.6)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 79<br>Au<br>Gold<br>(197.0)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 78<br>Pt<br>Platinum<br>(195.1)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77<br>Ir<br>Iridium<br>(192.2)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 76<br>Os<br>Osmium<br>(190.2)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 75<br>Re<br>Rhenium<br>(186.2)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 74<br>W<br>Tungsten<br>(183.8)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 73<br>Ta<br>Tantalum<br>(180.9)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 72<br>Hf<br>Hafnium<br>(178.5)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71<br>Lu<br>Lutetium<br>(175.0)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 70<br>Yb<br>Ytterbium<br>(173.0)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 69<br>Tm<br>Thulium<br>(168.9)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 68<br>Er<br>Erbium<br>(167.3)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67<br>Ho<br>Holmium<br>(164.9)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 66<br>Dy<br>Dysprosium<br>(162.5)   |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65<br>Tb<br>Terbium<br>(158.9)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 64<br>Gd<br>Gadolinium<br>(157.3)   |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 63<br>Eu<br>Europium<br>(152.0)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 62<br>Sm<br>Samarium<br>(150.4)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 61<br>Pm<br>Promethium<br>(145)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 60<br>Nd<br>Neodymium<br>(144.2)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 59<br>Pr<br>Praseodymium<br>(140.9) |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 58<br>Ce<br>Cerium<br>(140.1)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 57<br>La<br>Lanthanum<br>(138.9)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56<br>Ba<br>Barium<br>(137.3)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 55<br>Cs<br>Cesium<br>(132.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 54<br>Xe<br>Xenon<br>(131.3)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 53<br>I<br>Iodine<br>(126.9)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 52<br>Te<br>Tellurium<br>(127.6)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 51<br>Sb<br>Antimony<br>(121.8)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 50<br>Sn<br>Tin<br>(118.7)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 49<br>In<br>Indium<br>(114.8)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 48<br>Cd<br>Cadmium<br>(112.4)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 47<br>Ag<br>Silver<br>(107.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 46<br>Pd<br>Palladium<br>(106.4)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 45<br>Rh<br>Rhodium<br>(101.1)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 44<br>Ru<br>Ruthenium<br>(101.1)    |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 43<br>Tc<br>Technetium<br>(98)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 42<br>Mo<br>Molybdenum<br>(98)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 41<br>Nb<br>Niobium<br>(92.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 40<br>Zr<br>Zirconium<br>(91.2)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 39<br>Y<br>Yttrium<br>(88.9)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 38<br>Sr<br>Strontium<br>(87.6)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 37<br>Rb<br>Rubidium<br>(85.5)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 36<br>Kr<br>Krypton<br>(83.8)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 35<br>Br<br>Bromine<br>(79.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 34<br>Se<br>Selenium<br>(79.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 33<br>As<br>Arsenic<br>(74.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 32<br>Ge<br>Germanium<br>(72.6)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 31<br>Ga<br>Gallium<br>(69.7)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30<br>Zn<br>Zinc<br>(65.4)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 29<br>Cu<br>Copper<br>(63.5)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 28<br>Ni<br>Nickel<br>(58.7)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 27<br>Co<br>Cobalt<br>(58.9)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 26<br>Fe<br>Iron<br>(55.8)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 25<br>Mn<br>Manganese<br>(54.9)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 24<br>Cr<br>Chromium<br>(52.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 23<br>V<br>Vanadium<br>(50.9)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 22<br>Ti<br>Titanium<br>(47.9)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 21<br>Sc<br>Scandium<br>(45.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 20<br>Ca<br>Calcium<br>(40.1)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 19<br>K<br>Potassium<br>(39.1)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 18<br>Ar<br>Argon<br>(39.9)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 17<br>Cl<br>Chlorine<br>(35.5)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 16<br>S<br>Sulfur<br>(32.1)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 15<br>P<br>Phosphorus<br>(31.0)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14<br>Si<br>Silicon<br>(28.1)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 13<br>Al<br>Aluminum<br>(27.0)      |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12<br>Mg<br>Magnesium<br>(24.3)     |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11<br>Na<br>Sodium<br>(23.0)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10<br>Ne<br>Neon<br>(20.2)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9<br>F<br>Fluorine<br>(19.0)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8<br>O<br>Oxygen<br>(16.0)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7<br>N<br>Nitrogen<br>(14.0)        |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6<br>C<br>Carbon<br>(12.0)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5<br>B<br>Boron<br>(10.8)           |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4<br>Be<br>Beryllium<br>(9.0)       |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3<br>Li<br>Lithium<br>(6.9)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2<br>He<br>Helium<br>(4.0)          |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |
|                               |  |            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1<br>H<br>Hydrogen<br>(1.0)         |  | 118<br>Uuo<br>Ununoctium<br>(294) |  |

Based on mass of C-12 at 12.00.

Any value in parentheses is the mass of the most stable or best known isotope for elements that do not occur naturally.

Figure 4.3 The periodic table of the elements