

THE FIRST TWENTY ELEMENTS

| Z | NAME | SYMBOL | protons | neutrons | A | Symbol | Symbol |
|----|------------|--------|---------|----------|----|-----------------------|--------|
| 1 | Hydrogen | H | 1 | 0 | 1 | ^1_1H | H-1 |
| 2 | Helium | He | 2 | 2 | 4 | ^4_2He | He-4 |
| 3 | Lithium | Li | 3 | 4 | 7 | ^7_3Li | Li-7 |
| 4 | Beryllium | Be | 4 | 5 | 9 | ^9_4Be | Be-9 |
| 5 | Boron | B | 5 | 6 | 11 | $^{11}_5\text{B}$ | B-11 |
| 6 | Carbon | C | 6 | 6 | 12 | $^{12}_6\text{C}$ | C-12 |
| 7 | Nitrogen | N | 7 | 7 | 14 | $^{14}_7\text{N}$ | N-14 |
| 8 | Oxygen | O | 8 | 8 | 16 | $^{16}_8\text{O}$ | O-16 |
| 9 | Fluorine | F | 9 | 10 | 19 | $^{19}_9\text{F}$ | F-19 |
| 10 | Neon | Ne | 10 | 10 | 20 | $^{20}_{10}\text{Ne}$ | Ne-20 |
| 11 | Sodium | Na | 11 | 12 | 23 | $^{23}_{11}\text{Na}$ | Na-23 |
| 12 | Magnesium | Mg | 12 | 12 | 24 | $^{24}_{12}\text{Mg}$ | Mg-24 |
| 13 | Aluminium | Al | 13 | 14 | 27 | $^{27}_{13}\text{Al}$ | Al-27 |
| 14 | Silicon | Si | 14 | 14 | 28 | $^{28}_{14}\text{Si}$ | Si-28 |
| 15 | Phosphorus | P | 15 | 16 | 31 | $^{31}_{15}\text{P}$ | P-31 |
| 16 | Sulphur | S | 16 | 16 | 32 | $^{32}_{16}\text{S}$ | S-32 |
| 17 | Chlorine | Cl | 17 | 18 | 35 | $^{35}_{17}\text{Cl}$ | Cl-35 |
| 18 | Argon | Ar | 18 | 22 | 40 | $^{40}_{18}\text{Ar}$ | Ar-40 |
| 19 | Potassium | K | 19 | 20 | 39 | $^{39}_{19}\text{K}$ | K-39 |
| 20 | Calcium | Ca | 20 | 20 | 40 | $^{40}_{20}\text{Ca}$ | Ca-40 |