

| Atomic number | Name of element | Symbol | Valency | Atomic number | Name of element | Symbol | Valency |
|---------------|-----------------|--------|---------|---------------|-----------------|--------|---------|
| 1             | Hydrogen        | H      | 1       | 11            | Sodium          | Na     | 1       |
| 2             | Helium          | He     | 0       | 12            | Magnesium       | Mg     | 2       |
| 3             | Lithium         | Li     | 1       | 13            | Aluminium       | Al     | 3       |
| 4             | Beryllium       | Be     | 2       | 14            | Silicon         | Si     | 4       |
| 5             | Boron           | B      | 3       | 15            | Phosphorous     | P      | 3       |
| 6             | Carbon          | C      | 4       | 16            | Sulphur         | S      | 2       |
| 7             | Nitrogen        | N      | 3       | 17            | Chlorine        | Cl     | 1       |
| 8             | Oxygen          | O      | 2       | 18            | Argon           | Ar     | 0       |
| 9             | Fluorine        | F      | 1       | 19            | Potassium       | K      | 1       |
| 10            | Neon            | Ne     | 0       | 20            | Calcium         | Ca     | 2       |