

Elements & Compounds

An **element** is a pure substance that cannot be broken down into a simpler substance and still maintain its chemical identity.

A **compound** is composed of two or more elements.

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|-----------------|---|----------|
| Atomic Number | → | 1 |
| Chemical Symbol | → | H |
| Atomic Mass | → | 1.008 |
| Element Name | → | Hydrogen |

The Earth is divided into four component parts:

- Lithosphere: solid, outer surface of the Earth
- Biosphere: all of the living matter on Earth
- Hydrosphere: Earth's oceans
- Atmosphere: air surrounding the Earth