

Vocabulary

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Study the vocabulary words and definitions below.

- compound** a substance formed when two or more elements combine chemically
- element** a substance that cannot be broken down into a simpler form by ordinary chemical means
- formula** the way a chemist tells how two or more elements are combined to make a compound
Example: H₂O is the formula for water
- hydrogen (H)** the lightest and most abundant of all elements; occurs as a gas when not in other substances
- mixtures** two or more substances put together; no chemical reaction takes place and they are easily separated
- oxygen (O)** an element found as a gas when not in other substances; it has an atomic number of eight and is involved in burning and rusting
- symbols** the letters used by scientists to represent the names of the elements