

Activity of chemical vocabulary.L2

Find from the following list of concepts the correct one for each definition.

(chemical reaction, single displacement reaction, chemical property, physical change, synthesis reaction, chemical formula, ionic bond, chemical change, combustion reaction, covalent bond, physical property, double displacement reaction, decomposition reaction, chemical bond)

- 1- **Chemical formula**: a formula that shows what elements are in a compound and what it will become.
- 2- **Chemical bond**: force that hold atoms together in a compound.
- 3- **Ionic bond**: force of attraction between positive charges.
- 4- **Covalent bond**: attraction formed when elements shared electrons.
- 5- **Chemical reaction**: more than one substances turning into other substances.
- 6- **Combustion reaction**: substances react with oxygen to make heat and light.
- 7- **Synthesis reaction**: 2 or more substances that combine to make another.
- 8- **Decomposition reaction**: one substance breaks down into two more.
- 9- **Single displacement reaction**: one element replaces another to make a product.
- 10- **Double displacement reaction**: two elements replace another to make a product.
- 11- **Physical property**: characteristic of a material you can observe without changing the identity.
- 12- **Physical change**: a change in size , shape or state.
- 13- **Chemical property**: characteristic of a substance that indicates whether it can undergo a chemical change.
- 14- **Chemical change**: a change of one substance to another.