

Chemistry Review.

Burning wood

Rusting of iron

A pure substance made of only one type of atom.

Bubbling or fizzing in vinegar and baking soda reaction

Gold (Au)

Oxygen (O)

A change in a substance that does not involve changing its chemical composition.

Cloudy solution when mixing silver nitrate and sodium chloride

Water (H₂O)

Carbon dioxide (CO₂)

A substance made of two or more different elements chemically bonded together.

A combination of two or more substances that retain their individual properties.

Air

Saltwater

Blue copper sulfate solution turning green when reacting with ammonia

Heat released when wood burns

Cooling effect when mixing ammonium nitrate

Decrease in temperature

Increase in temperature

Melting ice

Dissolving sugar in water

Gas is produced.

Formation of new substances with different properties.

A solid forms in a liquid (precipitate).