

Physical & chemical changes

Changes where NO new substance is created

Physical

Changes where a NEW substance is created

Chemical

When I cut paper into a snowflake

Physical

When an apple turns brown because it is exposed to oxygen

Chemical

A change when bonds of molecules are broken

Chemical

A change when bonds of molecules are
NOT broken

Physical

When Mentos & Diet coke combine, they produce TONS of foam (gas bubbles)

Chemical

When I melt gold into a liquid

Physical

When I cook turkey and it gives off a
delicious smell

Chemical

Endo & Exothermic Reactions

Chemical reactions that feel hot

Exothermic

Chemical reactions that feel cold

Endothermic

Chemical reactions that release heat

Exothermic

Chemical reactions that absorb heat

Endothermic

Chemical reactions that take more energy in, to break the original substance

Endothermic

Chemical reactions that give off more energy when a new substance is formed

Exothermic

When you mixed calcium chloride and sodium bicarbonate solution, the temperature went up

Exothermic

When you mixed sodium bicarbonate and citric acid solution, the temperature went down

Endothermic

A hot pack

Exothermic

A cold pack

Endothermic