Physical vs. Chemical Changes

In a physical change, the original substance still exists; it has only changed in form. In a chemical change, a new substance is produced. Energy changes always accompany chemical changes.

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1.	Sodium hydroxide dissolves in water
2.	Hydrochloric acid reacts with potassium hydroxide to produce a salt, water and heat.
3.	A pellet of sodium is sliced in two.
4.	Water is heated and changed to steam.
5.	Potassium chlorate decomposes to potassium chloride and oxygen gas.
6.	Iron rusts
7.	When placed in water, a sodium pellet catches on fire as hydrogen gas is liberated and sodium hydroxide
	forms
8.	Evaporation
9.	Ice melting
10	Milk sours.
11.	Sugar dissolves in water.
12	Wood rotting
13.	Pancakes cooking on a griddle
14.	Grass growing on a lawn
15.	A tire is inflated with air.
16	Food is digested in the stomach.
17	Water is absorbed by a paper towel