



Physical & Chemical Changes

Use your knowledge of physical and chemical changes to identify at least one way to change each substance listed below physically and chemically.

Substance	Physical Prop. & Change	Chem. Prop. & Change
Paper		
Milk		
Baking Soda		
Candle		
Steel Wool (SOS Pad)		
Rocks		
Alka Seltzer Tablet		
Wood		
Flour		
Apple		
Iron Nail		

Identify each of the following as a Physical or Chemical Change.

Put a **P** next to **Physical Changes**

Put a **C** next to **Chemical Changes**

1. A piece of wood burns to form ash.
2. Water evaporates into steam.
3. A piece of cork is cut in half.
4. A bicycle chain rusts.
5. Food is digested in the stomach.
6. Water is absorbed by a paper towel.
7. Hydrochloric Acid reacts with zinc.
8. A piece of an apple rots on the ground.
9. A tire is inflated with air.
10. A plant turns sunlight, CO₂, and water into sugar and oxygen.
11. Sugar dissolves in water.
12. Eggs turn into an omelette.
13. Milk sours.
14. A popsicle melts.
15. Turning brownie mix into brownies.

Choose 2 of the above examples and explain why you chose chemical or physical. Please choose one of each type of change. Back up your explanation.

Physical change explanation: _____

Chemical change explanation: _____

1. Define Element and draw an example of an element
2. Define compound and draw an example of a compound
3. Define Mixture
4. What is the difference between a solution, colloid, and suspension?
5. Draw an example of a mixture of elements
6. Draw an example of a mixture of compounds
7. Draw an example of a mixture of an element and a compound
8. Draw an example of the 3-main states of matter and define
9. What is plasma?