

# Properties of Matter

## Physical and Chemical Changes

### Type of Change



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_

## Phase Changes

### Type of Physical Change

### Change in Molecular Movement



5. \_\_\_\_\_



6. \_\_\_\_\_



7. \_\_\_\_\_



8. \_\_\_\_\_

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, CO<sub>2</sub>, 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.

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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: \_\_\_\_\_

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Chemical change explanation: \_\_\_\_\_

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