

Physical and Chemical Changes Video

Name: _____

Date: _____

- When does a physical change occur?
 - when molecules combine to form a compound
 - when a new element is created
 - when the size, shape, or state of matter changes
 - when elements combine to form a molecule
- What is the difference between a physical change and a chemical change?
 - A physical change can only occur in liquids, and a chemical change can occur in a solid, liquid, or gas.
 - A physical change is when the size, shape, or state of matter changes, and a chemical change is when the molecules of matter change to form a new substance.
 - A physical change is when the molecules of matter change to form a new substance, and a chemical change is when the size, shape, or state of matter changes.
 - A physical change can occur in a solid, liquid, or gas, and a chemical change can only occur in a liquid.
- Which type of change can be reversed?
 - a physical change
 - a chemical change
 - a molecular change
 - an electric change
- If a substance changes color, what has most likely happened?
 - A pressurized change has taken place
 - A chemical change has taken place
 - A physical change has taken place
 - Nothing has taken place
- Stepping on a bag of potato chips would cause which type of change?
 - mechanical
 - thermal
 - physical
 - chemical