

***Identify if the following are physical (P) or chemical (C) characteristics:**

1. _____ Sodium (Na) is a very reactive alkali metal.
2. _____ Oxygen (O) is a gas.
3. _____ Wood is flammable.
4. _____ A ruby is red.
5. _____ Copper (Cu) conducts electricity.
6. _____ Water (H₂O) freezes at 0 degrees Celsius.
7. _____ Iron (Fe) reacts with water to form rust.
8. _____ Silver (Ag) reacts with moisture in the air to form tarnish.
9. _____ The chalkboard is magnetic.
10. _____ Sand and dirt are mixed in a flower pot.

Watch the BrainPOP movie on "Property Changes" and answer below:

Physical Change

When matter changes _____, _____, or _____.

Examples:

1. Breaking Watermelon - Changing from one big piece into _____ pieces.
2. Ice Cream Melting - Changing from one _____ of matter to another.
3. Patio cracking – is an example of _____.
4. Breaking food into small pieces with your _____.

Chemical Change

The substances that make up an object have been _____ into other _____.

Examples:

1. Rusty car – Metal and _____ react to form rust.
2. Sodium metal and Chlorine gas react to form _____.
3. Digesting food – food is broken down by _____.