*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 ________________.