

**Write your answers.**

1. If you visited the Moon, you would weigh less, but your mass would be the same. Why?
2. What can the density of an object tell you?
3. What is one thing you could do to a piece of paper to show a physical change? To show a chemical change?
4. How are a tarnished piece of silver and a burned piece of wood alike? How are they different?  
Use the graphic organizer to help you.

**Compare and Contrast**

**Different**

**Alike**

**Different**

