







## CONCEPT: PHYSICAL PROPERTIES

- **Physical Property:** a measurable property that describes the state of a chemical compound.
  - Can be observed through your senses without changing the chemical structure of a substance.

Physical Properties		
Physical Property	Physical Property	Physical Property
 _____	 _____	 _____
 _____	 _____	 _____

**EXAMPLE:** Which of the following represents a physical property?

- a) Potassium metal is extremely reactive when placed in water.
- b) Rusting is a common issue with aluminum.
- c) Neon has an unreactive nature.
- d) The butane in a lighter is highly flammable
- e) Mercury is a silvery liquid at 25°C.

**PRACTICE:** Which of the following is not a physical property?

- a) The brittleness of solid sulfur.
- b) The density of iron is 7.87 g/cm<sup>3</sup>.
- c) A platinum wire glows red when heated.
- d) Osmium is a silver-colored metal.
- e) An iron bar rusts.