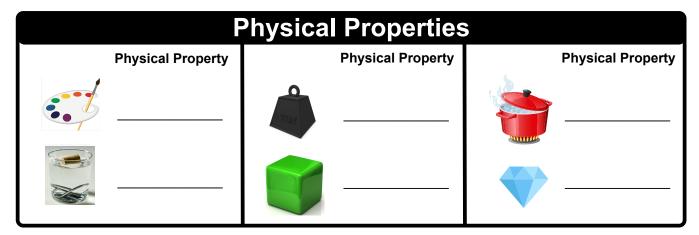
CONCEPT: PHYSICAL PROPERTIES

- 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.



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/cm³.
- c) A platinum wire glows red when heated.
- d) Osmium is a silver-colored metal.
- e) An iron bar rusts.