



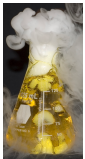



CONCEPT: CHEMICAL PROPERTIES

● **Chemical Property:** a property of matter that is observed during a chemical reaction.

- The matter will be changed into a new substance after the reaction.



Chemical Properties		
Chemical Property	Chemical Property	Chemical Property
 _____	 _____	 _____
 _____	 _____	 _____

EXAMPLE: Which of the following is not a chemical property for an unknown element?

- a) It has a yellow-orange color.
- b) It is very soluble in an acid solution.
- c) It is radioactive.
- d) It experiences rusting when exposed to pure oxygen gas.
- e) It has a high reactivity with acids.

PRACTICE: Which of the following represents a chemical property of hydrogen gas?

- a) It exists as a gas at room temperature.
- b) It is less dense than air.
- c) It reacts explosively with oxygen gas.
- d) It is a colorless gas.
- e) It is a tasteless molecule.