

## MODULE: *Chemical Change*

### Post Test

**1. Which process below is an example of a chemical change?**

- A. A can is crushed.
- B. An element is heated and evaporates.
- C. Sand is separated from a mixture by filtration.
- D. Two substances are stirred together and a temperature rise is measured.

**2. A chemical reaction occurs when ...**

- A. a solution is formed.
- B. a change in state occurs.
- C. energy is absorbed or released.
- D. the reaction is reversible.

**3. You can classify chemical reactions as either endothermic or exothermic. In an endothermic reaction...**

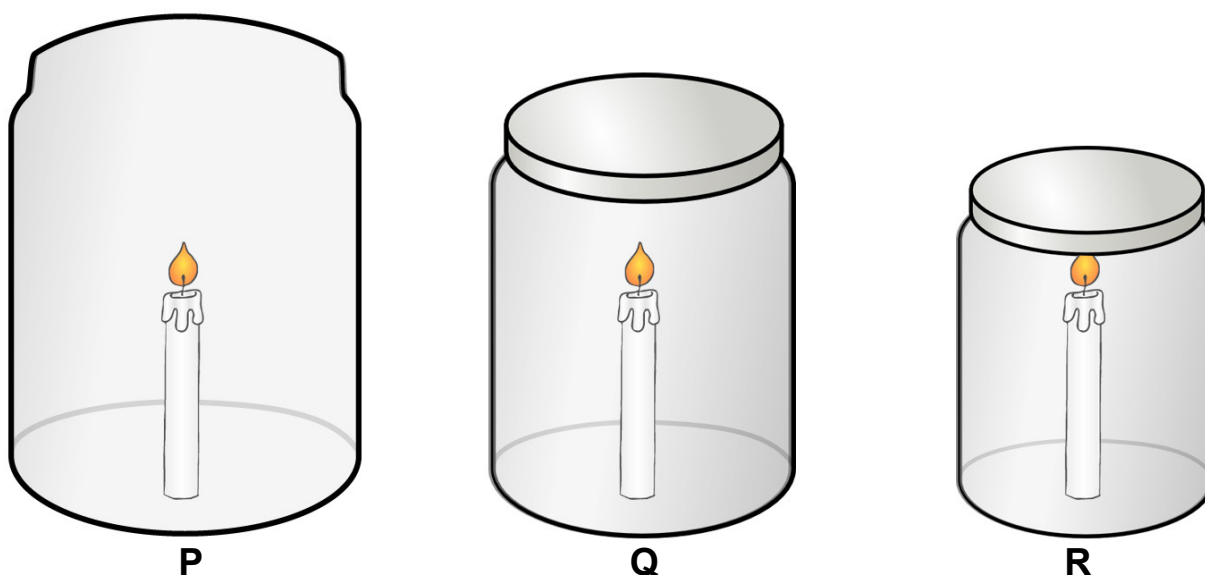
- A. energy in the form of heat or light is released.
- B. energy in the form of heat is absorbed.
- C. atoms are created.
- D. atoms are destroyed.

**4. Why can a small fire be put out by placing a heavy blanket on it?**

- A. It helps to reduce the temperature.
- B. It makes the fire smaller.
- C. It stops oxygen from getting to the fire.
- D. It absorbs the substances that are burning.

5. When magnesium burns in a Bunsen burner flame, which type of reaction is NOT taking place?

- A. Combustion
- B. Reduction
- C. Oxidation
- D. Exothermic



6. Three identical candles are put into the three jars above and lit at the same time. Jars Q and R have their lids screwed on immediately and jar P is kept open.

Which candle flame will go out first? Please explain your answer.