

MODULE: *Chemical Change*

Pre Test

1. Which process below is not an example of a chemical change?

- A. Gas burning in an oven
- B. Melting ice
- C. Cooking an egg
- D. Digesting food

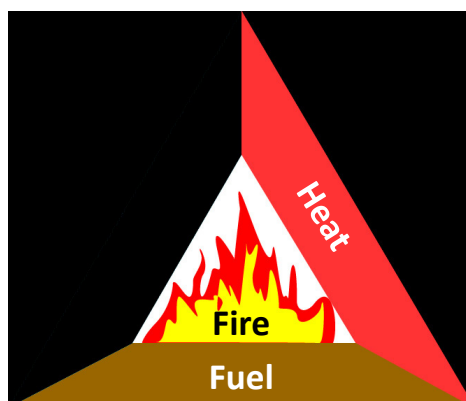
2. When a substance undergoes a chemical change all of the following are evidence that this has happened except...

- A. An odour or smell is detected
- B. A colour change
- C. A change in state
- D. The formation of gas

3. You can classify chemical reactions as either exothermic or endothermic. In an exothermic 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. What is missing from one of the sides of the fire triangle?



- A. Carbon dioxide
- B. Hydrogen
- C. Oxygen
- D. Ozone

5. When you burn magnesium ribbon in a Bunsen burner flame the chemical reaction is an example of...

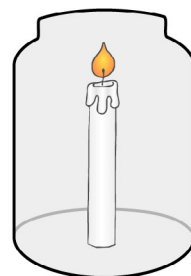
- A. neutralisation
- B. oxidation
- C. reduction
- D. decomposition



X



Y



Z

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

Which candle flame will burn for the longest time?
Please explain your answer.