

MATTER AND ENERGY 2

3. Complete the table.

Chemical reaction	Substances combined	Substances produced
Combustion		
Oxidation		
Fermentation		

BACTERIA

OXYGEN

FLAMES

RUST

LACTIC ACID (YOGHURT)

OXYGEN (AIR)

SUGAR

OXYGEN (ELECTRONS OF AN OBJECT)

SMOKE

FUEL

4. Choose the correct option.

1. What happens to a compass needle when it is near to an electric current?
a) It moves. b) It doesn't move.

2. The mixture is heated and the liquid component evaporates.
a) Distillation b) Evaporation

3. What materials do we need to make an electromagnet? Choose.
a) Copper (cobre) wire, a battery and an iron rod (varilla metálica).
b) Copper wire, a battery, an iron rod and a magnet.
c) Copper wire and a battery.

4. The mixture is heated and the liquid with the lowest boiling point evaporates first.
a) Distillation b) Evaporation

5. If a magnet is broken into little pieces, does each piece continue to produce a magnetic field?
a) Yes. Each small piece has a north and south pole, and produces a magnetic field.
b) No. Each piece will have only north or south pole, depending on the pole it was before.