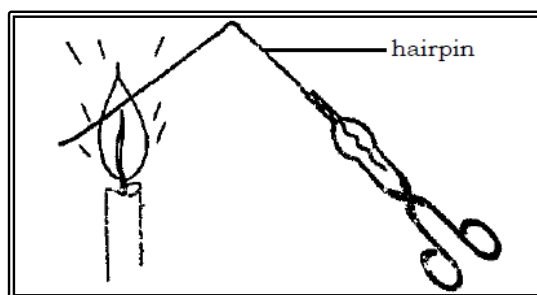


MINISTRY OF EDUCATION, HERITAGE AND ARTS
YEAR 10 BASIC SCIENCE
REVISION WORKSHEET 6

Write the answers to the following questions in your exercise/activity books.

Materials

1. Describe two ways in which a metal differs from a non-metal. **(4 marks)**
2. The diagram below shows one end of straightened hair pin heated over a flame. The hairpin was heated to red hotness and then it was quickly put in a beaker of cold water.



- i. Name the process described above. **(1 mark)**
 - ii. Describe the change in property of the hairpin due to the process named in part (i) above. **(2 marks)**
3. One-half of a razor blade was magnetized using a bar magnet.
 - i. Describe how the razor blade was magnetized using a bar magnet. **(2 marks)**
 - ii. Describe how it can be tested whether the razor blade was magnetized or not. **(2 marks)**
4. For each of the following descriptions, write the element from the **Word List** given below.

| | | |
|--------|----------|------------|
| Copper | Chlorine | Aluminium |
| Lead | Carbon | Phosphorus |

- i. A metal used to make aeroplanes. **(1 mark)**
 - ii. Kills bacteria in drinking water. **(1 mark)**
 - iii. Main component of fossil fuels. **(1 mark)**
 - iv. A dense metal. **(1 mark)**
 - v. Used to make matches. **(1 mark)**

The End