**Reactions of acids and metals**

Students set up the following experiment.

5

4

3

2

1

Magnesium copper zinc Iron Aluminium

Each test tube contains hydrochloric acid along with a metal.

The students observe the changes that take place.

**Answer the following questions about this experiment in your books**

1. How do you know a reaction is happening in the test tubes?
2. Rank the containers in order or reactivity – highest first.
3. Write word equations for each reaction.
4. The students have an unknown metal; explain what they could do to find out how reactive a metal is (make sure you include details of fair testing).