

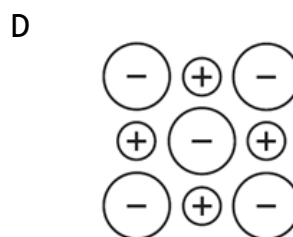
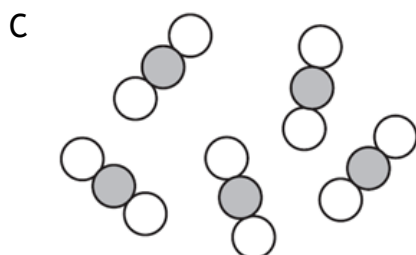
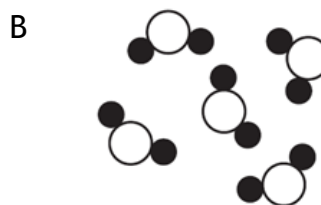
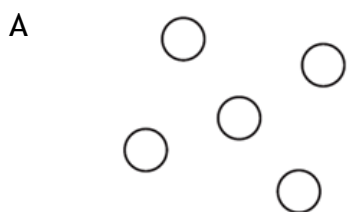


St. Ninian's High School
Science Department



S1 Chemistry
Chemical Reactions Homework 1 (12 Marks)

1. State what happens during a chemical reaction. **1 mark**
2. State what is meant by the term compound. **1 mark**
3. State the 2 elements that make up the compound silicon carbide. **1 mark**
4. State the 2 elements that make up the compound hydrogen sulfide. **1 mark**
5. State the name of the compound which is made up of aluminium and oxygen. **1 mark**
6. State the name of the compound which is made up of rubidium and bromine. **1 mark**
7. Which of the diagrams below represents a compound? **1 mark**



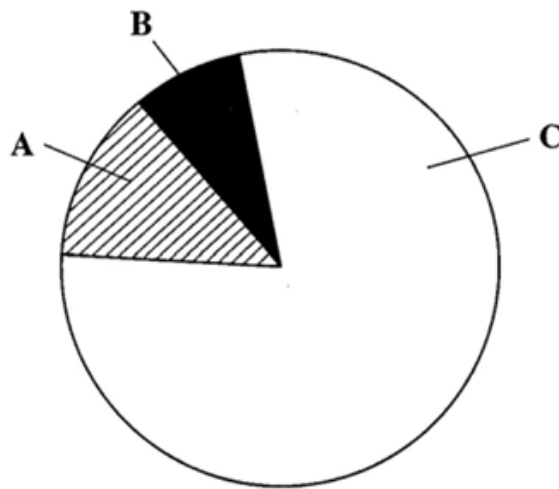
1 mark

8. (a) Name the process that uses electricity to separate a compound into its elements. **1 mark**
(b) Describe what can be observed during this process. **1 mark**

9. Limestone is a type of rock that has a range of uses in the UK. Some examples can be found below:

- 80% is used as construction materials
- 12% is made into cement
- 8% is used in other industrial processes

This information is shown in the pie chart below. Identify labels A, B and C.



2 marks