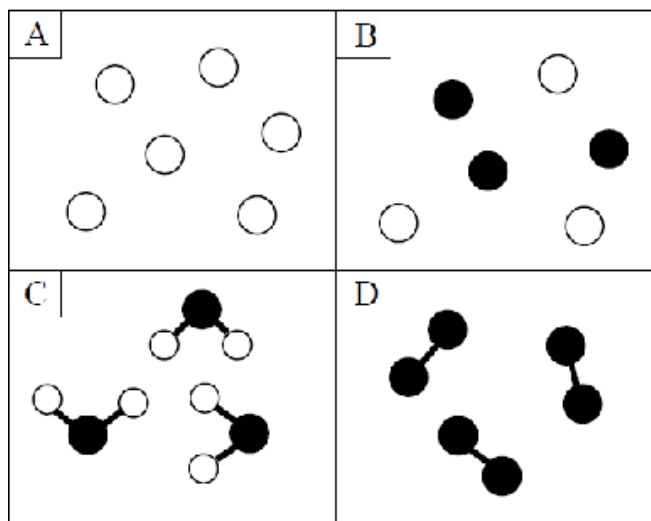


1. Which of the diagrams below can be used to represent a compound?



(1)

2. There are many different compounds containing potassium. Identify the compound which does not contain oxygen.

- A. Potassium sulfate.
- B. Potassium chloride.
- C. Potassium sulfite,
- D. Potassium nitrate.

(1)

3. Symbols for some elements on the periodic table are taken from their Latin names. Iron is an example of one of these elements. Identify the symbol for iron.

- A. I
- B. Ir
- C. F
- D. Fe

(1)

4. Carbon tetrabromide has the chemical formula CBr_4 . How many bromine atoms does carbon tetrabromide contain?

A. 1

B. 2

C. 3

D. 4

(1)

5. The Periodic Table is a display listing the known elements. Each element can be identified by its _____. The elements are arranged in groups, with similar chemical _____. The group 7 elements are called the _____. They tend to be very _____. The group 0 elements are called the _____. They tend to be _____.

(2)

6. Compounds are formed when atoms are joined together. To split a compound apart energy is needed. One way to do this is by using electricity. What is the name given to the process used to split a compound using electricity?

(1)

7. Sea water is a solution in which salt has been dissolved in the water.

(a) What is the term used to describe the salt in the solution.

(1)

(b) Using your knowledge of science, describe and name the process by which the soluble salt can be separated from the water in the solution.

(2)