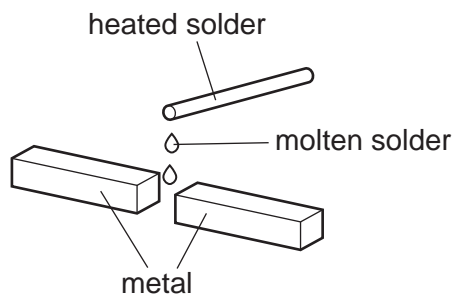


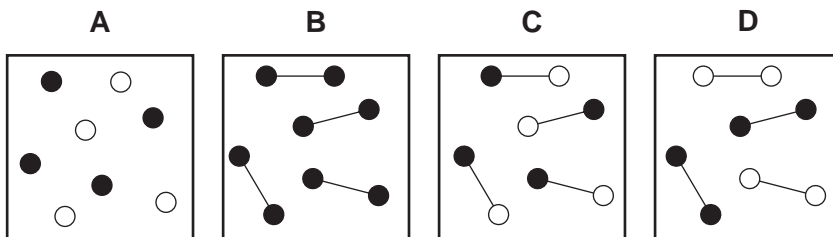
- 1 What happens when a bond is formed between a green gaseous element and a soft metallic element?
- A The gas atoms gain an electron.
  - B The gas atoms lose an electron.
  - C The metal atoms gain an electron.
  - D The two elements share a pair of electrons.
- 2 Solder is an alloy of lead and tin. It is used for joining pieces of metal.



Which statement about solder is correct?

- A It can be represented by a chemical formula.
  - B It contains a mixture of lead and tin.
  - C It contains lead and tin chemically combined.
  - D It has a higher melting point than lead or tin.
- 3 Two elements, represented by  $\circ$  and  $\bullet$ , form a compound.

Which diagram shows molecules of the compound?



4 Which name is given to mixtures of metals?

**A** alloys

**B** compounds

**C** ores

**D** salts