

DISPLACEMENT REACTIONS OF HALOGENS

Paper: 2CR

Question: 4(b)

Example 1

Your mark

- Bromine gas produced.
- as chlorine displaces bromide.

Example 2

Your mark

Chlorine displaces the less reactive bromine from the solution and forms potassium chloride. The orange colour is of the bromine gas produced.

Example 3

Your mark

The chlorine gas is more reactive than the Bromide and displaces it as the gas is passed through the KBr solution. The colour change indicates the chlorine displacing the less reactive element.