

Chemistry 2.7 AS 91167 Demonstrate understanding of oxidation-reduction

Practice paper 2

1. Mix potassium dichromate solution (acidified) with hydrogen peroxide solution. Record observations and link to species oxidised and reduced with Oxidation numbers and balanced equations

Reduced species: _____

Evidence of ON numbers _____

Oxidised species: _____

Evidence of ON numbers _____

Observation linked to species (name/formula/colour of each reactant/product and overall colour change)

Balanced equations: (balanced half equation then full equation)

1. Mix potassium iodate (acidified) with iron sulfate solution. Record observations and link to species oxidised and reduced with Oxidation numbers and balanced equations

Reduced species: _____

Evidence of ON numbers _____

Oxidised species: _____

Evidence of ON numbers _____

Observation linked to species (name/formula/colour of each reactant/product and overall colour change)

Balanced equations: (balanced half equation then full equation)
