What does OILRIG stand for?

When making a soluble salt by titration, once the correct volume of acid needed is found the titration is repeated without indicator. Why?

What is the cathode?

What is the anode?

Why does electrolysis not work when ionic compound is solid?

In the following reaction,

Cu2+ + Mg → Cu + Mg2+

What

has been oxidised?

has been reduced?

is the reducing agent?

is the oxidising agent?

What happens in electrolysis?

Write the half equations for;

1. Electrolysis of PbBr2 (lead bromide)

Anode

Cathode

2. Electrolysis of CuSO4 (copper sulfate) – inert electrodes

Anode

Cathode

3. Electrolysis of NaCl (sodium chloride)

Anode

Cathode

4. Electrolysis of CuSO4 (copper sulfate) – non inert electrodes

Anode

Cathode

What does;

An oxidising agent do?

A reducing agent do?

In terms of electrons, what is;

Oxidation

Reduction

List the stages in making a salt using an insoluble base

1..

2.

3.

4.

List the stages in making a salt by precipitation reaction

1..

2.

3.

4.

What salts are made when the following react;

Zinc + hydrochloric acid

Iron oxide + nitric acid

Sodium hydroxide + sulfuric acid

The amount of acid needed to neutralise an alkali can be found by titration.

What is the alkali put into?

What is the acid put into?

Why is universal indicator not used?

What is the name given to the evaporation of water from a salt solution to leave a salt?