

Name: \_\_\_\_\_ Section: \_\_\_\_\_

Partner's Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Chemical Reactions

### DATA SHEET

#### PART A: SINGLE REPLACEMENT REACTION

Reaction	Observations
1	<i>Copper and hydrochloric acid</i>
2	<i>Zinc and copper (II) sulphate</i>
3	<i>Magnesium in zinc sulphate</i>
4	<i>Copper in zinc sulphate</i>
5	<i>Zinc and hydrochloric acid</i>

#### PART B: DOUBLE DISPLACEMENT REACTIONS

Reaction	Observations
PRECIPITATION REACTIONS	
1.1	<i>Barium chloride and sodium sulphate</i>
1.2	<i>Silver nitrate and potassium iodide</i>
1.3	<i>Zinc nitrate and sodium carbonate</i>
1.4	<i>Iron (III) chloride and ammonium hydroxide</i>
1.5	<i>Sodium phosphate and ammonium sulphate</i>
ACID-BASE REACTIONS	
2.1	<i>Hydrochloric acid and sodium hydroxide</i>
2.2	<i>Sulphuric acid and ammonium hydroxide</i>
REACTIONS THAT PRODUCE GASES	
3.1	<i>Sodium carbonate and hydrochloric acid</i>
3.2	<i>Sodium phosphate and sodium hydroxide</i>