

ANSWER SHEET

CHEMICAL REACTION EXPERIMENT

Name: _____

ID.: _____

Section: _____

• **RESULTS**

	Reaction type	Observation	Conclusion
a.	Magnesium + Oxygen + heat		
b1.	Silver nitrate + copper		
b2.	Magnesium + hydrochloric acid		
c.	Nitric acid + Sodium hydroxide		

• **DISCUSSION**

When a chemical reaction takes place, atoms rearrange themselves around each other. By doing so, evidence is produced. Discuss the relationship between the evidence of the chemical reaction and the type of chemical reaction

• **QUESTIONS**

Q1. List four observations that are evidence of chemical reactions

- a. _____
- b. _____
- c. _____
- d. _____

Q2. What color is the phenolphthalein indicator in

- a. Acid solution -----
- b. Base solution -----

Q3. Sketch and name three glassware that you have used in this experiment

Q4. Identify each of the following substances by referring to your experimental observations

- a. Gas bubbles _____
- b. Blue solution _____
- c. Gray solid _____
- d. Color change indicator _____

Q5. Change the following word equations into balance chemical equations

- a. Magnesium + Oxygen \rightarrow Magnesium Oxide

- b. Copper + Silver nitrate \rightarrow Silver + Copper (II) nitrate
