**Name: Lab Partner(s):**

**Reaction Types Lab Report**

**Statement of the Problem and Background Information:**

In this section state the problem and list the 5 reaction types. Describe each reaction type, including how you could tell if that type of reaction was occurring.

**Hypothesis**:

**For your Materials, Procedures, and Results sections attach your lab paper to this lab report.**

*Conclusion and Scoring Guide on Back*

**Conclusion**:

Your conclusion should restate the problem and hypothesis, state if your hypothesis was supported or not, and answer the following questions (in paragraph form): Briefly describe your observations of each of the 4 reactions that you performed. Tell what type of reaction was happening in each and what evidence led you to conclude this. You should also make sure to state if you felt there were any errors and if there is any additional testing you could do to confirm your hypothesis. READ THE SCORING GUIDE BELOW TO MAKE SURE YOU INCLUDE ALL PARTS.

|  |  |
| --- | --- |
| **Area** | **Points** |
| **Problem/Background**   * State the problem. What question are you answering or what problem are you solving? * Give background information on the experiment by listing and describing each of the 5 reaction types. | \_\_\_/6 |
| **Hypothesis**   * Testable and Specific | \_\_\_/1 |
| **Materials/Procedure/Results**   * Attach lab paper with completed Pre-Lab and Data Table | \_\_\_/8 |
| **Conclusion (all parts are included)**   * Restate problem and Hypothesis (1 pts) * **Use details from your results/data** to explain why you think the hypothesis was supported or not. Do this by DESCRIBING the observations of each reaction and classifying the reaction type of each one. (8 pts) * Include additional testing you could do and explain errors that may have happened in testing (1 pts) | \_\_\_/10 |
| * **TOTAL** | \_\_\_/25 |

**Scoring Guide**