

Name: _____ Period: _____

Deduce Type of Bonding in a Sample of a Solid Lab

Purpose:

Lab Partners:

Materials/ Lab Set up:

Procedure(s): *Include procedures for every test conducted*

Data/Results: *Create a CLEAR, EASY TO FOLLOW data table of your results. You may need to re-write/re-organize this after your data has been collected to make it accessible to others.*

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Calculations/Analysis: *Please include a concise statement about what your data leads you to believe. You do not need to explain your reasoning in this section - you will be able to defend your analysis in the conclusion.*

Post Lab Questions:

How confident are you about your data? Why?

What did you learn from doing this lab?

Conclusion: *Restate the overall purpose of the experiment and how the procedure enabled you to accomplish it. Discuss overall results and draw conclusions from your data (this is where you should reiterate your statements from the Calculations/Analysis section and defend your analysis.) Describe likely sources of error.*