

Flame Test Pre-Lab Questions:

1) Write out the electron configuration for Lithium and Chlorine. Based on their electron configurations, why do you think those two elements would bond together to make the compound lithium chloride?

2) Sketch a diagram that shows the difference between atomic emission and absorption.

Absorption	Emission

Which is responsible for the light we will see during lab?

3) Where are metals located on the periodic table (compared to non-metals)?

4) What do metals all have in common in terms of gaining or losing electrons?

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