**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?

**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?

**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?

**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?