Chemistry 1 Name:

***Visualizing Ionic Compounds*** Date:

Hour:

*Background information:*

Go to <http://www.learner.org/interactives/periodic/groups_interactive.html>

Build the molecules as instructed. Record the information below.

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| Compound Name | Formula | Drawing (from website) |
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*Test your skills:*

What two new compounds can be produced when POTASSIUM IODIDE and LEAD II NITRATE solutions are mixed?

What do you think that you will see?

*Test it:*

-obtain a small test tube

-place 5 drops of lead nitrate in the test tube

-return to your table

-with everyone at your table watching closely, place 3 drops of potassium iodide into the test tube

-wash the contents of the test tube down the sink with water

-return the test tube to your teacher

-record your observations below

\*Avoid contamination! Do not mix up the droppers/use the same dropper for both solutions.

*Observations:*

(What did you see? Be descriptive and used complete sentences.)

*Explanation:*

(Explain why you saw what you did. Be descriptive and used complete sentences.)