Problem:

1. How can you use models of atoms to build 10 compounds?
2. How can you draw picture of your compounds?
3. How can you classify the compounds that you build as covalent or ionic?

Material: Wooden models.

Color code:

Red: Oxygen, Yellow: Hydrogen

Black: Carbon Blue: Aluminum

Green: Sodium Orange: Bromine

Purple: Potassium

\*\*Be sure to draw 10 picture for your data!

Conclusion. From Notes.

Conclusion. Use complete sentences to answer the following questions:

1. What is an Ion? What kind of compound do you think they form?
2. What is a cation?
3. What is an anion?
4. What kind of particles are exchanged when ions are formed?
5. What is a covalent bond?
6. What family are atoms trying to be “like” when the bond?
7. What does Hydrogen need to be “like” Helium?