



## Questions

1. Which compound in the table was most common among the household items provided?
2. Which element was most common among all the structures you built and diagrammed?
3. Identify the compounds listed in the table that are ionic.
4. Using the internet, determine the properties of one of the compounds from the list (i.e. melting point, density, etc.). What are some other uses of that compound? Based on those properties, is the compound most likely ionic or covalent? What are some other uses of that compound? In what ways are the properties of the individual compound similar/different from the mixture in which it is found?
5. Select one household item and select a compound from its ingredients list that was not included above. Research the properties and structures of the new compound. What are some other uses of that compound? In what ways are the properties of the individual compound similar/different from the mixture in which it is found?