

Name: _____

Date: _____

Review- Ions and Ionic Bonds

1. What is an ion? _____

2. Where do ions come from? _____

3. Name two elements, from two different columns, that Na (sodium) would want to bond with. For each, explain your choice and describe how they would bond.

a.

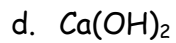
b.

4. Look at the following compounds. For each compound, identify the corresponding ions.

a. KCl

b. BeF₂

c. Li₂O



5. Look at the following ions. Explain what happened in order for each ion to have the charge that it does.



6. Look at the two notations below:



Do they mean the same thing? In your answer be sure to explain what is meant by each notation. _____
