

Name: _____

IONIC COMPOUNDS HOMEWORK:

The following compounds contain ions whose charges can be predicted from the periodic table or from the rules (just discussed). Write the formula of each compound.

1. potassium iodide KI
2. magnesium chloride $MgCl_2$
3. calcium nitride Ca_3N_2
4. aluminum iodide AlI_3
5. barium fluoride BaF_2
6. magnesium oxide MgO
7. calcium chloride $CaCl_2$

Name the following ionic compounds.

1. ZnI_2 zinc iodide
2. $CaBr_2$ calcium bromide
3. NaF sodium fluoride
4. $AlCl_3$ aluminum chloride
5. $SrCl_2$ strontium chloride
6. Li_2O lithium oxide
7. KI potassium iodide
8. NaI sodium iodide
9. $BaCl_2$ barium chloride
10. AgI silver iodide
11. ZnO zinc oxide
12. MgI_2 magnesium iodide
13. Al_2O_3 aluminum oxide
14. $LiBr$ lithium bromide