

Name: _____

Period: _____ Subject: _____

Date: _____

Nomenclature (Ionic Compounds)

Give the appropriate chemical formulas for the following compounds. Be sure to include the proper subscripts for each atom.

1. Iron(III) sulfide Fe₂S₃
2. Copper(I) oxide Cu₂O
3. Magnesium chloride MgCl₂
4. Potassium bromide KBr
5. Lithium carbonate Li₂CO₃
6. Beryllium chloride BeCl₂
7. Magnesium nitride Mg₃N₂
8. Lead(IV) phosphate Pb₃(PO₄)₄
9. Ammonium chloride NH₄Cl
10. Calcium fluoride CaF₂

List the name of each of the compounds represented by the following chemical formulas:

11. NH₄NO₃ ammonium nitrate
12. Ca(OH)₂ calcium hydroxide
13. CaCO₃ calcium carbonate
14. CuSO₄ copper(II) sulfate
15. Fe₂O₃ iron(III) oxide
16. CrS chromium(II) sulfide
17. BeBr₂ beryllium bromide
18. NaF sodium fluoride
19. Li₂O lithium oxide
20. KCl potassium chloride