

NAMING COMPOUNDS AND WRITING FORMULAS Extra Practice (3)

1. **Name** the following compounds:

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| a) LiCl | n) MnO ₂ |
| b) AlI ₃ | o) K ₂ S |
| c) BaF ₂ | p) ZnS |
| d) MgO | q) Mg ₃ N ₂ |
| e) H ₃ P | r) Na ₂ O |
| f) NH ₄ F | s) Au ₃ P |
| g) FeSO ₄ | t) K ₃ PO ₄ |
| h) Al ₂ (SO ₄) ₃ | u) Cu(OH) ₂ |
| i) Pb(OH) ₂ | v) Ca(NO ₃) ₂ |
| j) Fe(NO ₃) ₃ | w) Sr ₃ (PO ₄) ₂ |
| k) Pb(HCO ₃) ₂ | x) (NH ₄) ₂ SO ₄ |
| l) CuSO ₄ | y) BaCO ₃ |
| m) CaI ₂ | z) HgHCO ₃ |

2. Write the **chemical formula** for these compounds:

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|------------------------|--------------------------|
| a) sodium fluoride | n) chromium (III) oxide |
| b) lithium oxide | o) iron (II) sulfate |
| c) potassium bromide | p) nickel (II) hydroxide |
| d) aluminum chloride | q) ammonium carbonate |
| e) iron (II) nitride | r) aluminum fluoride |
| f) iron (III) sulfide | s) barium phosphate |
| g) silver chloride | t) calcium iodide |
| h) potassium carbonate | u) rubidium bromide |
| i) iron (II) iodide | v) barium iodide |
| j) magnesium phosphate | w) hydrogen phosphide |
| k) sodium bicarbonate | x) silver sulfide |
| l) nickel (II) nitrate | y) zinc chloride |
| m) tin (IV) hydroxide | z) iron (II) sulfide |