

PS Chemistry Chapter 20

Name _____ Period ____

Binary Ionic Formula Practice

Write the correct formula for each compound named below. Record the ions from which it is formed as shown in the example.

Example: magnesium bromide Mg⁺² Br⁻¹ MgBr₂

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|----------------------------|-------|-------|-------|
| 1) sodium chloride | _____ | _____ | _____ |
| 2) lithium bromide | _____ | _____ | _____ |
| 3) magnesium flouride | _____ | _____ | _____ |
| 4) potassium oxide | _____ | _____ | _____ |
| 5) calcium sulfide | _____ | _____ | _____ |
| 6) aluminum iodide | _____ | _____ | _____ |
| 7) barium bromide | _____ | _____ | _____ |
| 8) aluminum sulfide | _____ | _____ | _____ |
| 9) calcium phosphide | _____ | _____ | _____ |
| 10) lithium selenide | _____ | _____ | _____ |
| 11) magnesium telluride | _____ | _____ | _____ |
| 12) aluminum fluoride | _____ | _____ | _____ |
| 13) lithium oxide | _____ | _____ | _____ |
| 14) beryllium iodide | _____ | _____ | _____ |
| 15) iron III phosphate | _____ | _____ | _____ |
| 16) potassium carbonate | _____ | _____ | _____ |
| 17) copper I nitrogen | _____ | _____ | _____ |
| 18) iron II hydroxide | _____ | _____ | _____ |
| 19) aluminum chlorate | _____ | _____ | _____ |
| 20) chromium III carbonate | _____ | _____ | _____ |
| 21) ammonium acetate | _____ | _____ | _____ |