Science 9 Spindlove – Chem Unit Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**BINARY IONIC COMPOUND ASSIGNMENT**

1. **Diagram

   Description automatically generated**Write the chemical formula for each binary ionic compound. *Pay attention to which are multivalent!*
   1. Aluminum bromide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Potassium iodide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Tin(IV) nitride \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. Lithium sulphide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. Nickel(II) sulphide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   6. Manganese(IV) phosphide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   7. Iron(III) bromide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   8. Aluminum oxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Write the name for each binary ionic compound. *Pay attention to which are multivalent!*

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| * 1. Ca3N2   2. LiBr   3. Cr3N2   4. K2S   5. PbO2   6. CrF2   7. SnS2   8. Al2O3   9. CuI   10. MnS   11. MgF2 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |