Name: _____
Period: ____ Date: _____

Chemistry: *Ionic Binary Compounds: Single-Charge Cations*

Write the name of each of the following compounds.

1. Na_2S — 1. _____
2. Al_2O_3 — 2. _____
3. NaCl — 3. _____
4. RbI — 4. _____
5. $ZnBr_2$ — 5. _____
6. AgCl — 6. _____
7. BN — 7. _____
8. BaF_2 — 8. _____
9. Sr_3N_2 — 9. _____
10. $MgCl_2$ — 10. _____

Write the chemical formula for each of the given names.

11. magnesium nitride — 11. _____
12. calcium oxide — 12. _____
13. silver fluoride — 13. _____
14. beryllium chloride — 14. _____
15. potassium iodide — 15. _____
16. aluminum chloride — 16. _____
17. zinc oxide — 17. _____
18. barium bromide — 18. _____
19. lithium nitride — 19. _____
20. potassium sulfide — 20. _____

Chemistry: *Ionic Binary Compounds: Multiple-Charge Cations*

Write the name of each of the following compounds.

1. CuF 1. _____

2. CuF_2 2. _____

3. Cr_2O_3 3. _____

4. PbI_2 4. _____

5. $PbCl_4$ 5. _____

6. CrO_3 6. _____

7. $AuBr$ 7. _____

8. NiO 8. _____

9. VI_3 9. _____

10. SnO_2 10. _____

Write the chemical formula for each of the given names.

11. manganese (VII) oxide 11. _____

12. niobium (V) chloride 12. _____

13. titanium (III) phosphide 13. _____

14. palladium (IV) sulfide 14. _____

15. platinum (II) fluoride 15. _____

16. osmium (III) oxide 16. _____

17. iridium (IV) nitride 17. _____

18. cobalt (II) chloride 18. _____

19. iron (III) sulfide 19. _____

20. gold (III) iodide 20. _____