

WORKSHEET 7.A

NAME _____

IONIC BINARY COMPOUNDS

DIRECTIONS: Using the ion charge numbers, write the formula and name of the compound formed by the two elements. Include the ion charges as part of the formulas.

1. Sodium and Sulfur
2. Barium and oxygen
3. Rubidium and tellurium
4. Lithium and oxygen
5. Francium and sulfur
6. Potassium and selenium
7. Lithium and chlorine
8. Barium and sulfur
9. Aluminum and nitrogen
10. Strontium and fluorine
11. Barium and bromine
12. Aluminum and oxygen
13. Beryllium and iodine
14. Cesium and astatine
15. Magnesium and fluorine
16. Radium and bromine
17. Calcium and chlorine
18. Radium and bromine
19. Potassium and iodine
20. Sodium and chlorine
21. Magnesium and sulfur
22. Calcium and chlorine
23. Aluminum and bromine
24. Radium and iodine

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IONIC BINARY COMPOUNDS

DIRECTIONS: Using the ion charge numbers, write the formula and name of the compound formed by the two elements. Include the ion charges as part of the formulas.

1. Zinc and oxygen
2. Hydrogen and fluorine
3. Iron(II) and bromine
4. Nickel(II) and oxygen
5. Copper(II) and iodine
6. Iron(II) and oxygen
7. Mercury(II) and fluorine
8. Barium and sulfur
9. Iron(II) and oxygen
10. Strontium and oxygen
11. Aluminum and sulfur
12. Copper(I) and nitrogen
13. Silver and sulfur
14. Iron(III) and bromine
15. Cobalt(II) and chlorine
16. Copper(I) and oxygen
17. Chromium(II) and bromine
18. Tin(IV) and sulfur
19. Lead(II) and oxygen
20. Iron(III) and sulfur
21. Lead(IV) and iodine
22. Calcium and bromine
23. Tin(II) and nitrogen
24. Mercury(II) and iodine