

Chemistry Activity – Naming Ionic Compounds – Form 1 ©

NAME: _____ DATE _____ PERIOD _____

To answer each of the following 26 questions, you have to select the appropriate chemical formula from the list at the bottom of the page. On the space provided on the left side of each question, you just need to write the letter of the alphabet that is located next to the correct word.

1. _____ Magnesium acetate
2. _____ Nickel(III) phosphide
3. _____ Copper(II) sulfate pentahydrate
4. _____ Potassium permanganate
5. _____ Silver hydrogen chromate tetrahydrate
6. _____ Mercury(I) cyanide
7. _____ Gallium cyanate
8. _____ Cobalt(III) bromide
9. _____ Ammonium fluoride
10. _____ Gold(I) thiosulfate
11. _____ Manganese(VII) phosphate
12. _____ Cadmium fluoride
13. _____ Chromium(II) sulfate
14. _____ Calcium bisulfate
15. _____ Ammonium phosphate
16. _____ Lead(II) iodate
17. _____ Sodium oxalate
18. _____ Aluminum Sulfite
19. _____ Strontium hydroxide
20. _____ Barium oxide
21. _____ Sodium permanganate
22. _____ Vanadium(IV) dihydrogen phosphate
23. _____ Copper(I) persulfate
24. _____ Iron(III) borate
25. _____ Tin(IV) acetate
26. _____ Rubidium perchlorate

LIST OF COMPOUNDS

A- $(\text{NH}_4)_3\text{PO}_4$	B- $\text{AgHCrO}_4 \cdot 4\text{H}_2\text{O}$	C- $\text{Al}_2(\text{SO}_3)_3$
D- $\text{Au}_2\text{S}_2\text{O}_3$	E- BaO	F- $\text{Ca}(\text{HSO}_4)_2$
G- CdF_2	H- CoBr_3	I- CrSO_4
J- Cu_2SO_5	K- $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	L- FeBO_3
M- $\text{Ga}(\text{CNO})_3$	N- HgCN	O- KMnO_4
P- $\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2$	Q- $\text{Mn}_3(\text{PO}_4)_7$	R- $\text{Na}_2\text{C}_2\text{O}_4$
S- NaMnO_4	T- NH_4F	U- NiP
V- $\text{Pb}(\text{IO}_3)_2$	W- RbClO_4	X- $\text{Sn}(\text{C}_2\text{H}_3\text{O}_2)_4$
Y- $\text{Sr}(\text{OH})_2$	Z- $\text{V}(\text{H}_2\text{PO}_4)_4$	

Answer Key

1 - G	2 - K	3 - B	4 - E
5 - R	6 - D	7 - W	8 - U
9 - Y	10 - H	11 - S	12 - C
13 - Z	14 - N	15 - J	16 - Q
17 - I	18 - V	19 - M	20 - T
21 - P	22 - F	23 - X	24 - A
25 - L	26 - O		

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