

Compound Naming Race

Be the first team in the room to correctly get all the names on this sheet right. When you have finished the first ten problems, bring them up to the teacher to be checked. Once these have been checked, move to the second ten. Once all forty problems have been solved, you're the winner!

- 1) copper (II) acetate _____
- 2) sodium hydroxide _____
- 3) lithium oxide _____
- 4) cobalt (III) carbonate _____
- 5) aluminum sulfide _____
- 6) ammonium cyanide _____
- 7) iron (III) phosphide _____
- 8) vanadium (V) phosphate _____
- 9) sodium permanganate _____
- 10) manganese (III) fluoride _____

- 11) beryllium nitrate _____
- 12) nickel (III) sulfite _____
- 13) potassium oxide _____
- 14) silver bromide _____
- 15) zinc phosphate _____
- 16) copper (II) bicarbonate _____
- 17) nickel (II) selenide _____
- 18) manganese (IV) carbonate _____
- 19) lead (IV) nitride _____
- 20) tin (II) hydroxide _____

- 21) lithium arsenide _____
- 22) chromium (VI) sulfate _____
- 23) calcium bromide _____
- 24) ammonium sulfate _____
- 25) copper (II) oxide _____
- 26) platinum (IV) phosphate _____
- 27) aluminum carbonate _____
- 28) silver nitrate _____
- 29) magnesium acetate _____
- 30) nickel (III) cyanide _____
-
- 31) vanadium (IV) phosphate _____
- 32) silver sulfate _____
- 33) cobalt (III) sulfide _____
- 34) iron (II) sulfite _____
- 35) copper (II) nitrite _____
- 36) nickel (II) hydroxide _____
- 37) zinc nitride _____
- 38) manganese (VII) nitrate _____
- 39) gallium sulfate _____
- 40) sodium nitrate _____

Compound Naming Race - Solutions

Be the first team in the room to correctly get all the names on this sheet right. When you have finished the first ten problems, bring them up to the teacher to be checked. Once these have been checked, move to the second ten. Once all forty problems have been solved, you're the winner!

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|-----|--------------------------|--------------------------------------|
| 1) | copper (II) acetate | $\text{Cu}(\text{CH}_3\text{COO})_2$ |
| 2) | sodium hydroxide | NaOH |
| 3) | lithium oxide | Li_2O |
| 4) | cobalt (III) carbonate | $\text{Co}_2(\text{CO}_3)_3$ |
| 5) | aluminum sulfide | Al_2S_3 |
| 6) | ammonium cyanide | NH_4CN |
| 7) | iron (III) phosphide | FeP |
| 8) | vanadium (V) phosphate | $\text{V}_3(\text{PO}_4)_5$ |
| 9) | sodium permanganate | NaMnO_4 |
| 10) | manganese (III) fluoride | MnF_3 |
| | | |
| 11) | beryllium nitrate | $\text{Be}(\text{NO}_3)_2$ |
| 12) | nickel (III) sulfite | $\text{Ni}_2(\text{SO}_3)_3$ |
| 13) | potassium oxide | K_2O |
| 14) | silver bromide | AgBr |
| 15) | zinc phosphate | $\text{Zn}_3(\text{PO}_4)_2$ |
| 16) | copper (II) bicarbonate | $\text{Cu}(\text{HCO}_3)_2$ |
| 17) | nickel (II) selenide | NiSe |
| 18) | manganese (IV) carbonate | $\text{Mn}(\text{CO}_3)_2$ |
| 19) | lead (IV) nitride | Pb_3N_4 |
| 20) | tin (II) hydroxide | $\text{Sn}(\text{OH})_2$ |

21)	lithium arsenide	Li_3As
22)	chromium (VI) sulfate	$\text{Cr}(\text{SO}_4)_3$
23)	calcium bromide	CaBr_2
24)	ammonium sulfate	$(\text{NH}_4)_2\text{SO}_4$
25)	copper (II) oxide	CuO
26)	platinum (IV) phosphate	$\text{Pt}_3(\text{PO}_4)_4$
27)	aluminum carbonate	$\text{Al}_2(\text{CO}_3)_2$
28)	silver nitrate	AgNO_3
29)	magnesium acetate	$\text{Mg}(\text{CH}_3\text{COO})_2$
30)	nickel (III) cyanide	$\text{Ni}(\text{CN})_3$
31)	vanadium (IV) phosphate	$\text{V}_3(\text{PO}_4)_4$
32)	silver sulfate	Ag_2SO_4
33)	cobalt (III) sulfide	Co_2S_3
34)	iron (II) sulfite	FeSO_3
35)	copper (II) nitrite	$\text{Cu}(\text{NO}_2)_2$
36)	nickel (II) hydroxide	$\text{Ni}(\text{OH})_2$
37)	zinc nitride	Zn_3N_2
38)	manganese (VII) nitrate	$\text{Mn}(\text{NO}_3)_7$
39)	gallium sulfate	$\text{Ga}_2(\text{SO}_4)_3$
40)	sodium nitrate	NaNO_3