

Identify which name/formula pairs are correct. If incorrect state the error.

1.	Rubidium(I) sulfate	Rb_2SO_4
2.	Calcium hydroxide	$\text{Ca}(\text{OH})_2$
3.	Hydrogen Phosphate	H_3PO_4
4.	Dialuminum trioxide	Al_2O_3
5.	Iron nitrate	$\text{Fe}(\text{NO}_3)_2$
6.	Dinitrogen monoxide	N_2O
7.	Tin(II) chloride	SnCl_4
8.	Zinc(II) acetate	$\text{Zn}(\text{C}_2\text{H}_3\text{O}_2)_2$
9.	Copper monosulfide	CuS
10.	Ammonium phosphate	$(\text{NH}_4)_3\text{PO}_4$
11.	Aluminum hydroxide	AlOH_3
12.	Carbonic Acid	H_2CO_3

1.	Rubidium sulfate	Rb_2SO_4	No Roman Numeral
2.	Calcium hydroxide	$\text{Ca}(\text{OH})_2$	Correct
3.	Phosphoric acid	H_3PO_4	Acid
4.	Aluminum oxide	Al_2O_3	Ionic, No Prefixes!
5.	Iron(II) nitrate	$\text{Fe}(\text{NO}_3)_2$	Needs Roman Numeral
6.	Dinitrogen monoxide	N_2O	Correct
7.	Tin(IV) chloride	SnCl_4	Charge on Tin is 4+, not 2+
8.	Zinc(II) acetate	$\text{Zn}(\text{C}_2\text{H}_3\text{O}_2)_2$	Zn needs no Roman Numeral
9.	Copper(II) sulfide	CuS	No prefixes and needs Roman Numeral
10.	Ammonium phosphate	$(\text{NH}_4)_3\text{PO}_4$	Correct
11.	Aluminum hydroxide	$\text{Al}(\text{OH})_3$	Needs parenthesis around OH-
12.	Carbonic Acid	H_2CO_3	Carbonate, CO_3^{2-} is not Co, cobalt