

Name _____

Date _____

IONIC COMPOUND NAMES AND FORMULAS

The name of an ionic compound indicates whether or not the metal has a variable charge and whether the anion is monatomic or polyatomic. Write the names and formulas of these ionic compounds.



		Name			Formula
1	ZnCl ₂	zinc chloride	11	sodium hydroxide	NaOH
2	TiI ₄	titanium(IV) iodide	12	copper(I) arsenide	Cu ₃ As
3	Ag ₂ SO ₃	silver sulfite	13	beryllium chloride	BeCl ₂
4	CaSO ₄	calcium sulfate	14	calcium oxide	CaO
5	Mg ₃ P ₂	magnesium phosphide	15	ammonium sulfite	(NH ₄) ₂ SO ₃
6	K ₂ CO ₃	potassium carbonate	16	iron(III) oxide	Fe ₂ O ₃
7	AlPO ₄	aluminum phosphate	17	vanadium(V) phosphate	V ₃ (PO ₄) ₅
8	NH ₄ OH	ammonium hydroxide	18	magnesium nitrate	Mg(NO ₃) ₂
9	Co ₃ N ₂	cobalt(II) nitride	19	silver cyanide	AgCN
10	MgBr ₂	magnesium bromide	20	calcium phosphate	Ca ₃ (PO ₄) ₂