

NAME _____
 WRITING IONIC FORMULAS
 Include the name and formula of each chemical

	Cl ⁻	CO ₃ ⁻²	OH ⁻	SO ₄ ⁻²	PO ₄ ⁻³	NO ₃ ⁻	P ⁻³
Na ⁺	NaCl	Na ₂ CO ₃	NaOH	Na ₂ SO ₄	Na ₃ PO ₄	NaNO ₃	Na ₃ P
	sodium chloride	sodium carbonate	sodium hydroxide	sodium sulfate	sodium phosphate	sodium nitrate	sodium phosphide
NH ₄ ⁺	NH ₄ Cl	(NH ₄) ₂ CO ₃	NH ₄ OH	(NH ₄) ₂ SO ₄	(NH ₄) ₃ PO ₄	NH ₄ NO ₃	(NH ₄) ₃ P
	ammonium chloride	ammonium carbonate	ammonium hydroxide	ammonium sulfate	ammonium phosphate	ammonium nitrate	ammonium phosphide
K ⁺	KCl	K ₂ CO ₃	KOH	K ₂ SO ₄	K ₃ PO ₄	KNO ₃	K ₃ P
	potassium chloride	potassium carbonate	potassium hydroxide	potassium sulfate	potassium phosphate	potassium nitrate	potassium phosphide
Ca ²⁺	CaCl ₂	CaCO ₃	Ca(OH) ₂	CaSO ₄	Ca ₃ (PO ₄) ₂	Ca(NO ₃) ₂	Ca ₃ P ₂
	calcium chloride	calcium carbonate	calcium hydroxide	calcium sulfate	calcium phosphate	calcium nitrate	calcium phosphide
Mg ²⁺	MgCl ₂	MgCO ₃	Mg(OH) ₂	MgSO ₄	Mg ₃ (PO ₄) ₂	Mg(NO ₃) ₂	Mg ₃ P ₂
	magnesium chloride	magnesium carbonate	magnesium hydroxide	magnesium sulfate	magnesium phosphate	magnesium nitrate	magnesium phosphide
Zn ²⁺	ZnCl ₂	ZnCO ₃	Zn(OH) ₂	ZnSO ₄	Zn ₃ (PO ₄) ₂	Zn(NO ₃) ₂	Zn ₃ P ₂
	zinc chloride	zinc carbonate	zinc hydroxide	zinc sulfate	zinc phosphate	zinc nitrate	zinc phosphide

	Cl ⁻	CO ₃ ⁻²	OH ⁻	SO ₄ ⁻²	PO ₄ ⁻³	NO ₃ ⁻	P ⁻³
Fe ³⁺	FeCl ₃	Fe ₂ (CO ₃) ₃	Fe(OH) ₃	Fe ₂ (SO ₄) ₃	FePO ₃ ₄	Fe(NO ₃) ₃	Fe ₃ P
	iron(III) chloride	iron(III) carbonate	iron(III) hydroxide	iron(III) sulfate	iron(III) phosphide	iron(III) nitrate	iron(III) phosphide
Al ³⁺	AlCl ₃	Al ₂ (CO ₃) ₃	Al(OH) ₃	Al ₂ (SO ₄) ₃	AlPO ₄	Al(NO ₃) ₃	AlP
	aluminum chloride	aluminum carbonate	aluminum hydroxide	aluminum sulfate	aluminum phosphide	aluminum nitrate	aluminum phosphide
Co ³⁺	CoCl ₃	Co ₂ (CO ₃) ₃	Co(OH) ₃	Co ₂ (SO ₄) ₃	CoPO ₄	Co(NO ₃) ₃	Co ₃ P
	cobalt(III) chloride	cobalt(III) carbonate	cobalt(III) hydroxide	cobalt(III) sulfate	cobalt(III) phosphide	cobalt(III) nitrate	cobalt(III) phosphide
Fe ²⁺	FeCl ₂	FeCO ₃	Fe(OH) ₂	FeSO ₄	Fe ₃ (PO ₄) ₂	Fe(NO ₃) ₂	Fe ₃ P ₂
	iron(II) chloride	iron(II) carbonate	iron(II) hydroxide	iron(II) sulfate	iron(II) phosphate	iron(II) nitrate	iron(II) phosphide
H ⁺	HCl	H ₂ CO ₃	H ₂ O	H ₂ SO ₄	H ₃ PO ₄	HNO ₃	H ₃ P
	hydrochloric acid	carbonic acid	water	sulfuric acid	phosphoric acid	nitric acid	hydrophosphoric acid
Au ⁴⁺	AuCl ₄	Au(CO ₃) ₂	Au(OH) ₄	Au(SO ₄) ₂	Au ₃ (PO ₄) ₄	Au(NO ₃) ₄	Au ₃ P ₄
	Gold(IV) chloride	Gold(IV) carbonate	Gold(IV) hydroxide	Gold(IV) sulfate	Gold(IV) phosphate	Gold(IV) nitrate	Gold(IV) phosphide

Talk about later