

Polyatomic Ionic Formula Writing

Name _____

Give the missing names, ions, and formulae.

<u>Name</u>	<u>Ions</u>		<u>Formula</u>
sodium sulfate	Na ⁺¹	SO ₄ ⁻²	_____
lithium phosphate	_____	_____	_____
aluminum acetate	_____	_____	_____
tin(II) nitrate	_____	_____	_____
_____	_____	_____	K ₂ CO ₃
iron(III) sulfate	_____	_____	_____
barium hydroxide	_____	_____	_____
_____	_____	_____	Ca(HSO ₄) ₂
aluminum bicarbonate	_____	_____	_____
magnesium bicarbonate	_____	_____	_____
calcium nitrate	_____	_____	_____
_____	NH ₄ ⁺¹	S ⁻²	_____
tin(IV) carbonate	_____	_____	_____
iron(III) sulfate	_____	_____	_____
ammonium phosphate	_____	_____	_____
aluminum hydroxide	_____	_____	_____

Polyatomic Ionic Formula Writing

Name ___ KEY ___

<u>Name</u>	<u>Ions</u>		<u>Formula</u>
sodium sulfate	Na ⁺¹	SO ₄ ⁻²	Na ₂ SO ₄
lithium phosphate	Li ⁺¹	PO ₄ ⁻³	Li ₃ PO ₄
aluminum acetate	Al ⁺³	C ₂ H ₃ O ₂ ⁻¹	Al(C ₂ H ₃ O ₂) ₃
tin(II) nitrate	Sn ⁺²	NO ₃ ⁻¹	Sn(NO ₃) ₂
Potassium Carbonate	K ⁺¹	CO ₃ ⁻²	K ₂ CO ₃
iron(III) sulfate	Fe ⁺³	SO ₄ ⁻²	Fe ₂ (SO ₄) ₃
barium hydroxide	Ba ⁺²	OH ⁻¹	Ba(OH) ₂
calcium hydrogen sulfate	Ca ⁺²	HSO ₄ ⁻¹	Ca(HSO ₄) ₂
aluminum bicarbonate	Al ⁺³	HCO ₃ ⁻¹	Al(HCO ₃) ₃
magnesium bicarbonate	Mg ⁺²	HCO ₃ ⁻¹	Mg(HCO ₃) ₂
calcium nitrite	Ca ⁺²	NO ₃ ⁻¹	Ca(NO ₃) ₂
ammonium sulfide	NH ₄ ⁺¹	S ⁻²	(NH ₄) ₂ S
tin(IV) carbonate	Sn ⁺⁴	CO ₃ ⁻²	Sn(CO ₃) ₂
iron(III) sulfate	Fe ⁺³	SO ₄ ⁻²	Fe ₂ (SO ₄) ₃
ammonium phosphate	NH ₄ ⁺¹	PO ₄ ⁻³	(NH ₄) ₃ PO ₄
aluminum hydroxide	Al ⁺³	OH ⁻¹	Al(OH) ₃