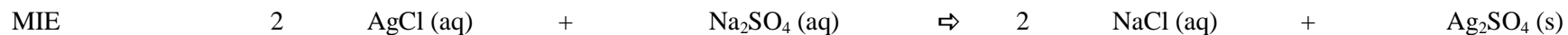


Pre-AP Chemistry I/Chemistry I
Unit #7—Chemical Reactions

Double Displacement/Precipitation Reactions

Aqueous silver chloride is mixed with aqueous sodium sulfate to produce a precipitant.

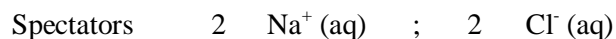
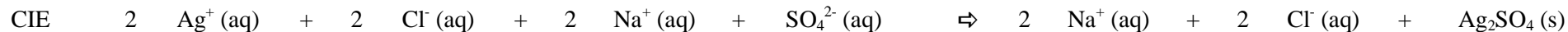
	Cl ⁻	SO ₄ ²⁻
Ag ⁺	AgCl	Ag ₂ SO ₄
Na ⁺	NaCl	Na ₂ SO ₄



Solubility Rules

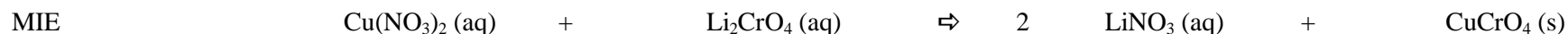
#1, #3

#4, ex



Aqueous copper (II) nitrate mixes with lithium chromate to form a precipitant and a solution.

	NO ₃ ⁻	CrO ₄ ²⁻
Cu ²⁺	Cu(NO ₃) ₂	CuCrO ₄
Li ⁺	LiNO ₃	Li ₂ CrO ₄



Solubility Rules

#2

#5

