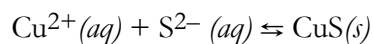
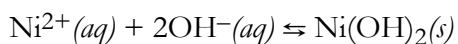
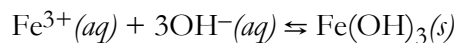
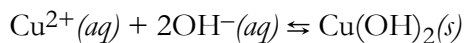
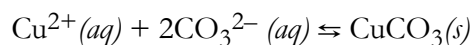
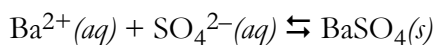
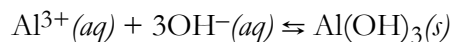
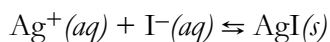
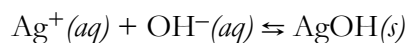
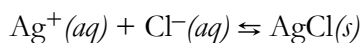


Some Reagents You Used That Were Soluble in Water or That Did Not Form Precipitates

KI	Zn(NO ₃) ₂	NH ₄ NO ₃	Ni(NO ₃) ₂
Al(NO ₃) ₃	Co(NO ₃) ₂	AgNO ₃	Cu(NO ₃) ₂
Ba(NO ₃) ₂	Fe(NO ₃) ₃	K ₂ CrO ₄	NaOH
NH ₄ SCN	NaCl	Na ₂ C ₂ O ₄	Na ₂ SO ₄
Na ₃ PO ₄	FeCl ₃	CoCl ₂	NiCl ₂
NaI	Na ₂ CrO ₄	Na ₂ CO ₃	K ₂ CO ₃
K ₂ SO ₄	KCl	NaNO ₃	NaNO ₃
Al ₂ (SO ₄) ₃	CuCl ₂	CuSO ₄	CoSO ₄
NiSO ₄	Fe ₂ (SO ₄) ₃	BaCl ₂	KOH

Some Reactions Where You Observed a Precipitate Form



Based on the above, what general rules might we write for the solubility of cations and anions?