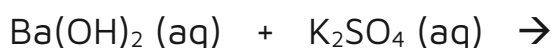
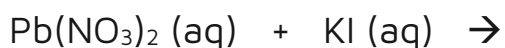


Unit 5, Video 7: Precipitation Reactions and Net Ionic Equations

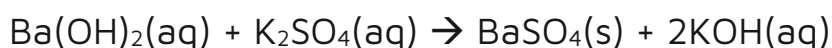
1. A _____ is a solid that forms during a chemical reaction.
2. True or False: When a substance is soluble in water, a precipitate forms.
3. Use the solubility rules to fill out the table below. The information for the first compound has been filled in for you.

Compound	Ion to find in the solubility rules	Soluble or insoluble	State of matter
NaF	Fluoride	Soluble	(aq)
AgCl			
LiOH			

4. Complete the precipitation reactions below. Include states of matter and balance the reaction.



5. Below is the molecular ionic equation for the reaction between barium hydroxide and potassium sulfate. Write the complete ionic equation and the net ionic equation for this reaction.



Complete Ionic Equation:

Net Ionic Equation: