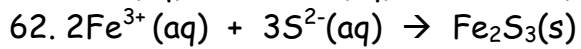
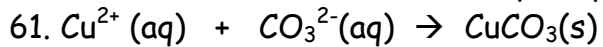


Homework Answers
Hill-Petrucci
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60. No - both solutions would form $\text{Cu}(\text{OH})_2$. Add AgNO_3 or $\text{Pb}(\text{NO}_3)_2$. The metals in these solutions will precipitate the Cl but not the NO_3 .



63. The odor of ammonia would confirm it is NH_3 .

Add BaCl_2 and BaSO_4 would precipitate.

Add Na_2SO_4 and BaSO_4 would precipitate

64. It could be a carbonate, a hydroxide or a sulfide or the 1A metals. They would precipitate Mg^{2+} .