

Download Write The Net Ionic Equation For The Following Reaction

You can only ask one question at a time so I edited down accordingly. We are asked to write the ionic equation for iron and copper (II) sulfate in aqueous solution. The full chemical equation is: $\text{CaSO}_4 + 2\text{HCl} \rightarrow \text{H}_2\text{SO}_4 + \text{CaCl}_2$. This states that calcium sulfate plus hydrochloric acid becomes sulfuric acid and calcium chloride. Because spectator ions don't actually participate in the chemistry of a reaction, you don't always need to include them in a chemical equation. Doing so leads to a needlessly complicated reaction equation, so chemists often prefer to write net ionic equations, which omit the spectator ions. A Question: Write a balanced formula equation, complete ionic equation, and net ionic equation for the reaction between: (Be sure to include phases.)