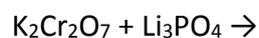


Answer on Question #44044 - Chemistry - Other

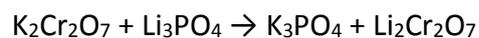
Question:

Complete the following reaction and balance it, and identify whether it is a single or double reaction, synthesis, combustion

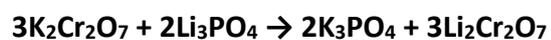


Answer:

The following reaction is a reaction between two salts:



$\text{Li}_2\text{Cr}_2\text{O}_7$ is a precipitate. The reaction can be balanced in the following way:



It is a **double displacement** reaction because two salts are changing their anions and cations: $\text{AB} + \text{CD} \rightarrow \text{AD} + \text{CB}$.