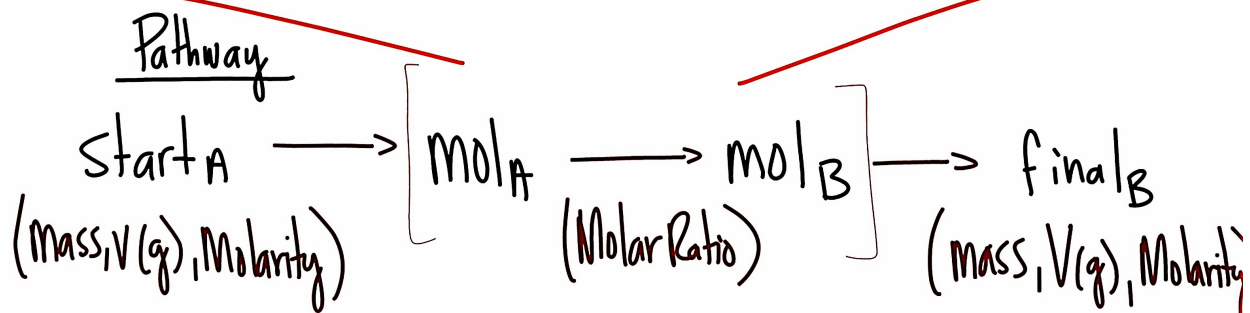
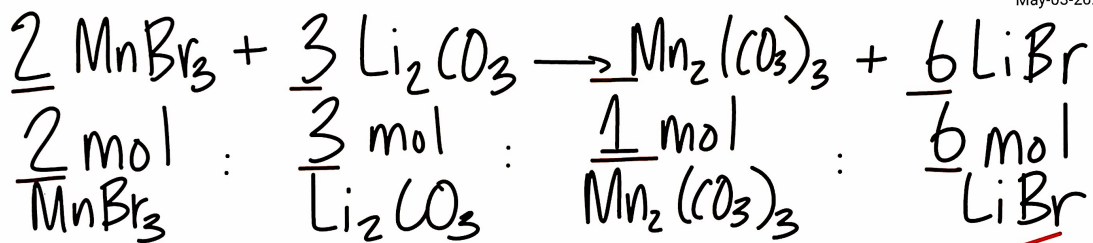
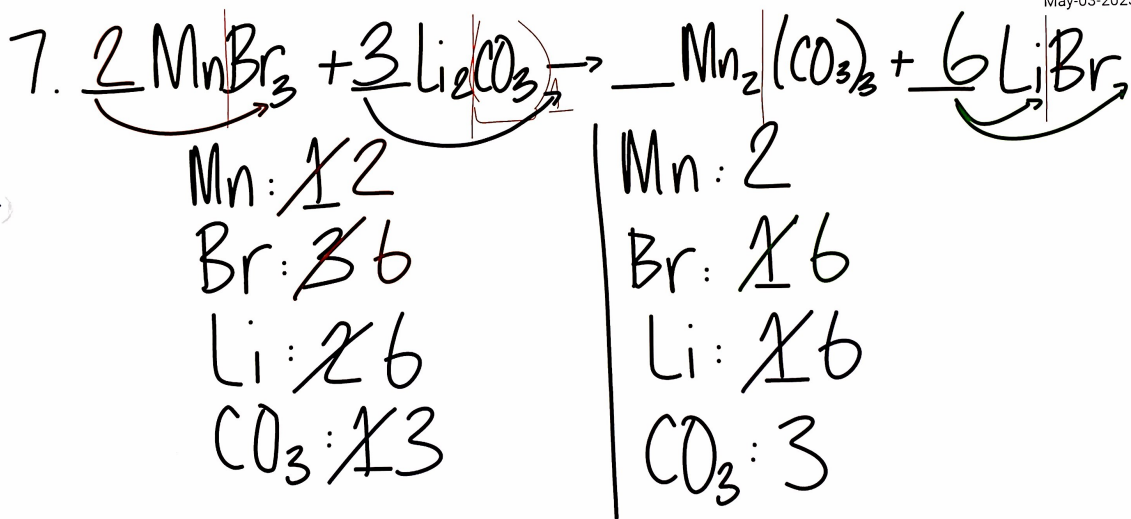
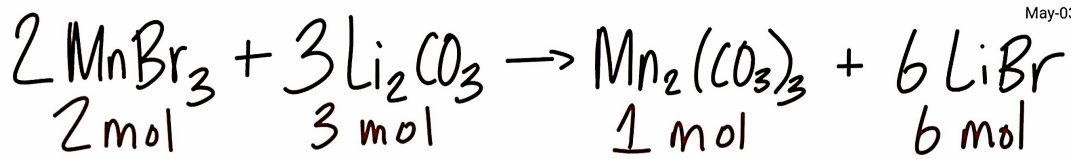






Molar Ratio ($\text{mol}_A \rightarrow \text{mol}_B$)

Start

End

2.50 mol

_____ mol

MnBr₃

LiBr

Ratio: $\begin{matrix} 2 \text{ mol} & : & 6 \text{ mol} \\ \text{MnBr}_3 & & \text{LiBr} \end{matrix}$

$$\frac{2.50 \text{ mol MnBr}_3}{\cancel{2 \text{ mol MnBr}_3}} \times \frac{6 \text{ mol LiBr}}{\cancel{6 \text{ mol LiBr}}} = 7.50 \text{ mol LiBr}$$

= 7.50 mol LiBr

