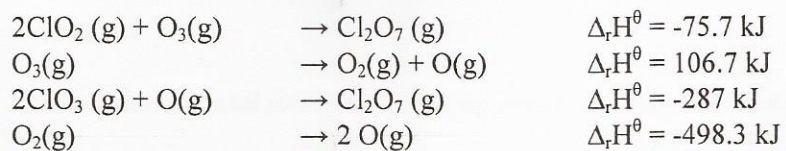


6. Use the following thermochemical equations:



to determine the  $\Delta_r H^\circ$  for  $\text{ClO}_2(\text{g}) + \text{O}(\text{g}) \rightarrow \text{ClO}_3(\text{g})$

(25 pts)