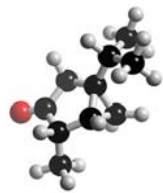


SORTING OUT ENTHALPY CHANGES



Name Form

For each of the following reactions, name the enthalpy change. There may be more than one possible answer to some. Some answers may involve more than one enthalpy change!

e.g. $\text{CH}_4(\text{g}) + 2 \text{O}_2(\text{g}) \rightarrow \text{CO}_2(\text{g}) + 2 \text{H}_2\text{O}(\text{l})$ *enthalpy of combustion of $\text{CH}_4(\text{g})$*

e.g. $2 \text{CH}_4(\text{g}) + 4 \text{O}_2(\text{g}) \rightarrow 2 \text{CO}_2(\text{g}) + 4 \text{H}_2\text{O}(\text{l})$ *2 x enthalpy of combustion of $\text{CH}_4(\text{g})$*

