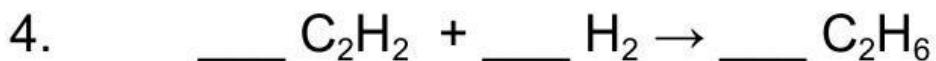
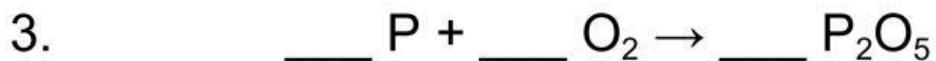
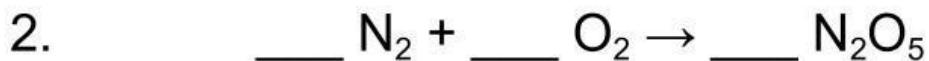
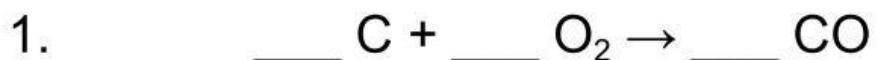


Click on the link to access the Phet Simulation for balancing equations →

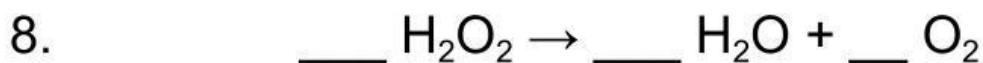
After clicking on the link, click on Equations and use the simulation to balance each equation. After balancing each equation by adding the correct number of each molecule, you will record the correct coefficients and put them into this LWS. You will need to submit all recorded entries to receive full credit for this assignment.

Synthesis reactions	Decomposition reactions	Combustion reactions
$\square \text{C} + \square \text{O}_2 \rightarrow \square \text{CO}$	$\square \text{CH}_3\text{OH} \rightarrow \square \text{CO} + \square \text{H}_2$	$\square \text{C}_2\text{H}_4 + \square \text{O}_2 \rightarrow \square \text{CO}_2 + \square \text{H}_2\text{O}$
$\square \text{N}_2 + \square \text{O}_2 \rightarrow \square \text{N}_2\text{O}_5$	$\square \text{NO}_2 \rightarrow \square \text{NO} + \square \text{O}_2$	$\square \text{C}_2\text{H}_5\text{OH} + \square \text{O}_2 \rightarrow \square \text{CO}_2 + \square \text{H}_2\text{O}$
$\square \text{P} + \square \text{O}_2 \rightarrow \square \text{P}_2\text{O}_5$	$\square \text{PCl}_3 \rightarrow \square \text{P} + \square \text{Cl}_2$	$\square \text{CH}_3\text{OH} + \square \text{O}_2 \rightarrow \square \text{CO}_2 + \square \text{H}_2\text{O}$
$\square \text{C}_2\text{H}_2 + \square \text{H}_2 \rightarrow \square \text{C}_2\text{H}_6$	$\square \text{H}_2\text{O}_2 \rightarrow \square \text{H}_2\text{O} + \square \text{O}_2$	$\square \text{C}_2\text{H}_2 + \square \text{O}_2 \rightarrow \square \text{CO}_2 + \square \text{H}_2\text{O}$

Synthesis Reactions



Decomposition Reactions



Combustion Reactions

