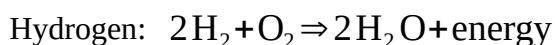
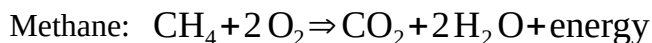


Some Chemical Equation Balancing Examples

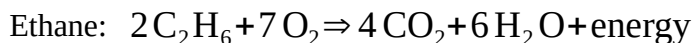
All the following examples burn hydrocarbons with oxygen to obtain energy.



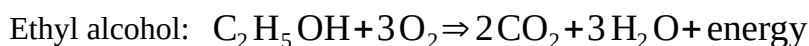
(This made our explosion. The reverse of this is electrolysis.)



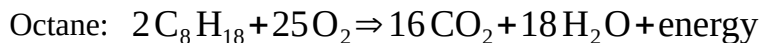
(Used for home heating and in some buses and delivery vehicles.)



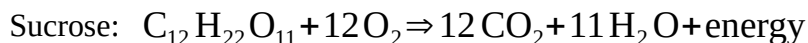
(You must double ethane to get integer number of O_2 's.)



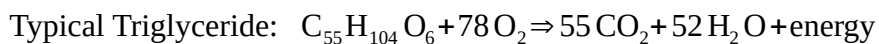
(Don't forget about the O in ethyl alcohol.)



(A minor component of gasoline.)

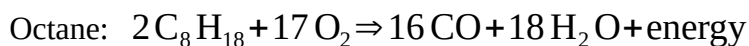
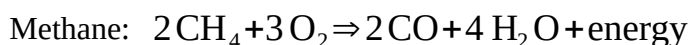


(Ordinary table sugar. Watch out for the O's in the sugar.)



(Average fat molecule. Watch out for the O's in the triglyceride.)

Burning without sufficient oxygen will produce carbon monoxide, a deadly odorless gas, instead of carbon dioxide. It is a source of air pollution.



In these and all chemical equations, atoms are simply rearranged, not added or lost.