

## Combustion equations

*Education in Chemistry*

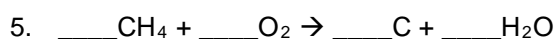
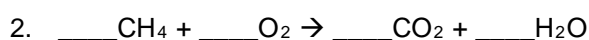
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[rsc.li/EiC318-airpollution](http://rsc.li/EiC318-airpollution)



This activity accompanies the above article 'Taking care of the air'.

**Task A:** Balance the following equations associated with combustion and pollution.



**Task B:** Write balanced symbol equations for the following descriptions.

6. The combustion of methane to give a poisonous gas and water.

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7. The combustion of sulfur impurities to give an acidic gas.

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8. The complete combustion of propane.

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9. The incomplete combustion of propane to give a solid pollutant and water.

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10. The incomplete combustion of solid carbon to give a poisonous gas.

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