

Unit 5, Video 8: Combustion Reactions

1. In the space below, write the general formula for a combustion reaction.

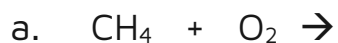
2. What is the general formula for a hydrocarbon?

3. Complete the formulas for the following hydrocarbons:



4. True or False: Combustion reactions always produce carbon monoxide plus water.

5. Reactants are given for the following combustion reactions. Use the general formula for a combustion reaction to predict the products. Be sure to balance the equations.



6. True or False: The oxygen in a combustion reaction should be balanced last.

7. True or False: The coefficients in balanced chemical equations should be whole numbers.