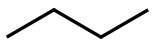
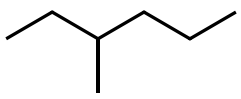
Combustion reactions

1. Write equations for the complete combustion of
    a. Octane
    b. Nonane
    c. 2-methylpropane
    d. 4-methyldecane
    e. 2,3-dimethylhexane
    f. 2,2,3-trimethylpentane

2. Write equations for the combustion of each chemical to produce carbon monoxide.
    a. $CH_3CH_2CH(CH_3)_2$
    b. $CH_3(CH_2)_3CH_3$
    c. $C(CH_3)_3CH_2CH_3$
    d. $CH_3CH(CH_3)CH(CH_3)CH_3$
    e. $(C_2H_5)_4C$
    f. $CH_3CH_2CH(C_2H_5)CH(CH_2CH_2CH_3)(CH_2)_3CH_3$

3. Write equations for the combustion of each chemical to produce carbon.
    a.
    
    b.
    
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    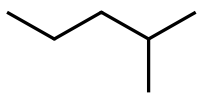
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    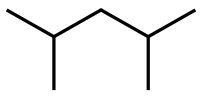
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    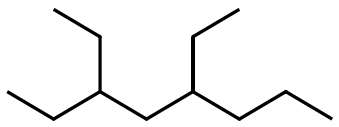
    f.