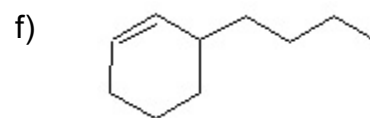
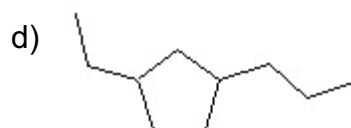
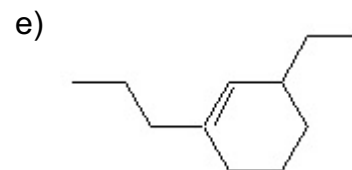
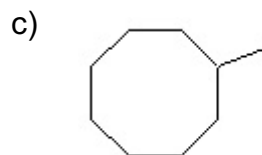
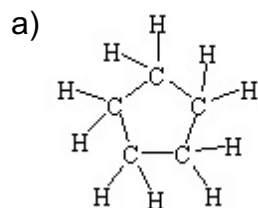


1. Name the following:



2. Draw a line structural diagram for

a) pentylcyclobutane

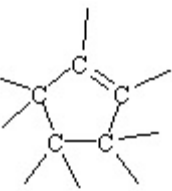
c) ethylcyclopentane

b) 1-butyl-2,3-dimethylcyclopentane

d) cyclobutylcyclopentane

3. Complete the following table:

Name	Structural formula	Chemical Formula	Type of hydrocarbon (alkane, alkene, or alkyne)
3-methyl-1-butyne			
cyclopropane			

Name	Structural formula	Chemical Formula	Type of hydrocarbon (alkane, alkene, or alkyne)
dimethylpropane			
2,2-dimethylbutane			
	$ \begin{array}{c} \text{H} \\ \\ \text{H}-\text{C}-\text{C}\equiv\text{C}-\text{H} \\ \\ \text{H} \end{array} $		
			
	$ \begin{array}{ccccccc} & \text{CH}_3 & \text{CH}_3 & \text{CH}_3 & & & \\ & & & & & & \\ \text{CH}_3 & -\text{CH} & -\text{CH} & -\text{CH} & -\text{CH}_3 & & \\ & & & & & & \end{array} $		
	