

# الأكيمياء في الحياة اليومية

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Friedrich Wöhler

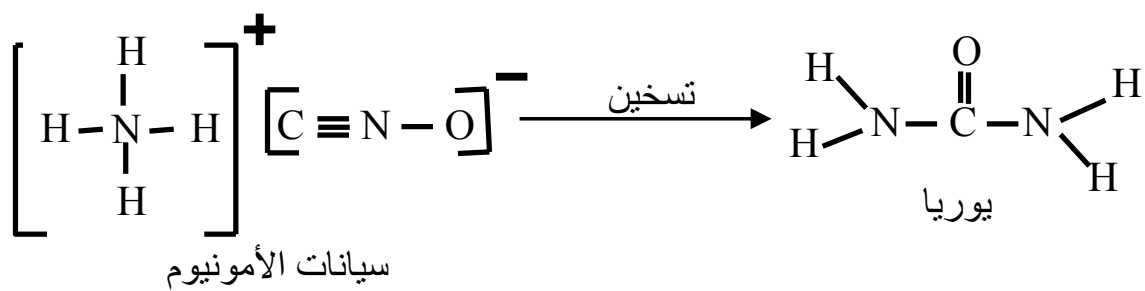
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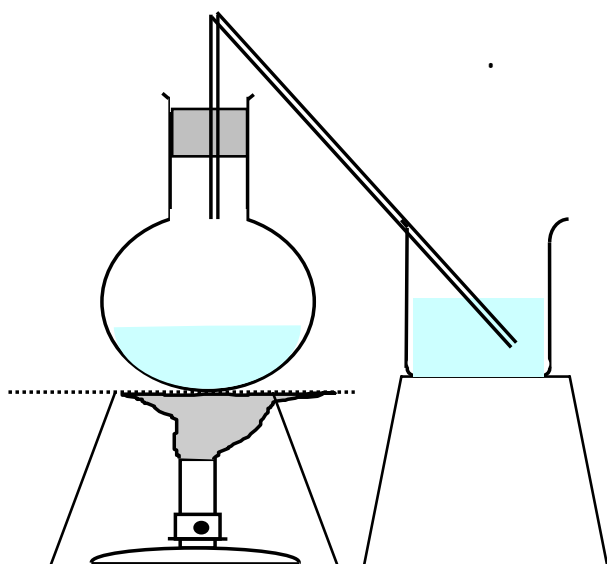
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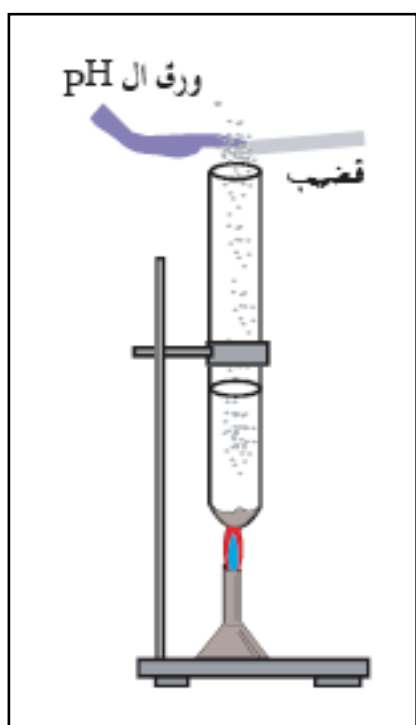
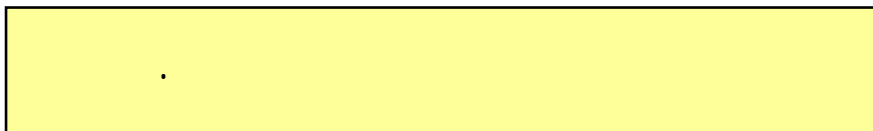
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$y \quad x$

$C_xH_y:$

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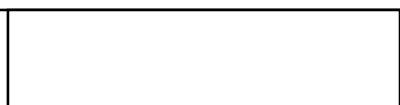
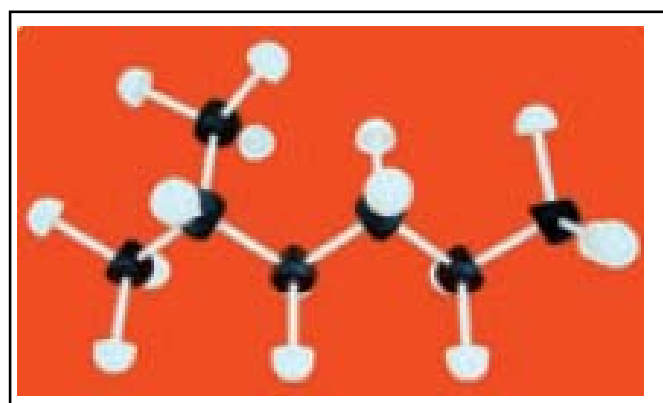
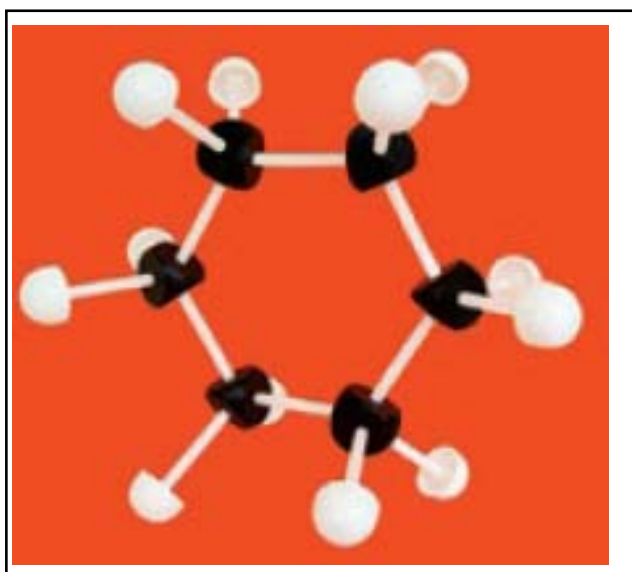
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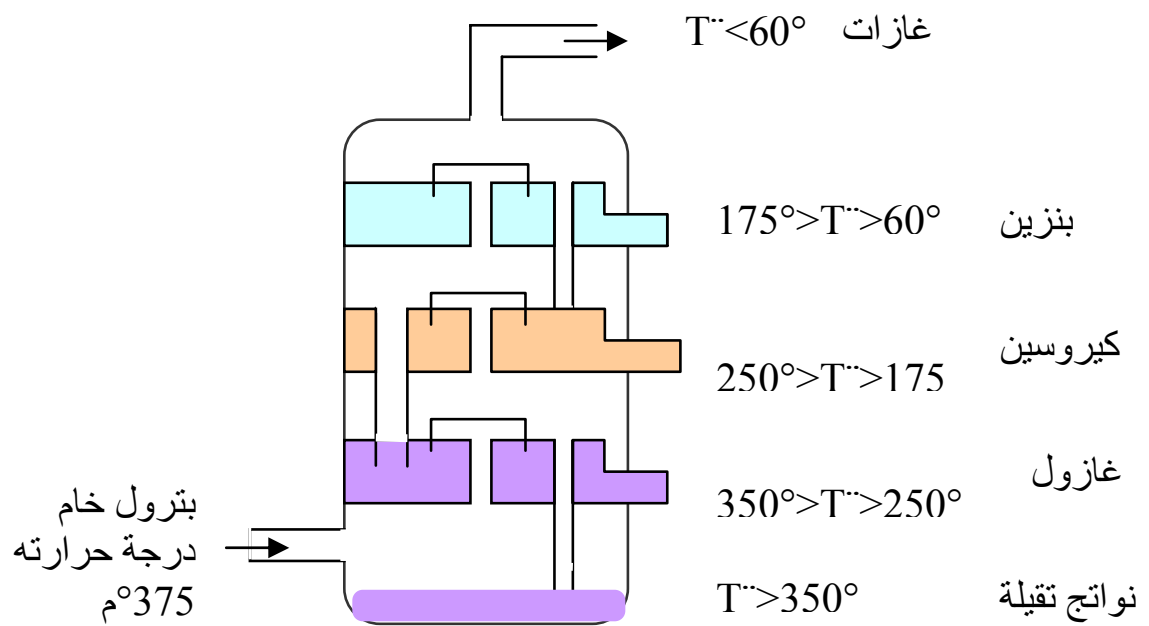


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# Alkanes( )

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n .  $C_nH_{2n+2}$  :

.CH<sub>4</sub>

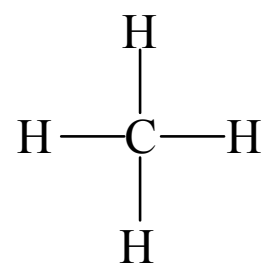
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C<sub>6</sub>H<sub>14</sub>

n =6

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CH<sub>3</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH<sub>3</sub>

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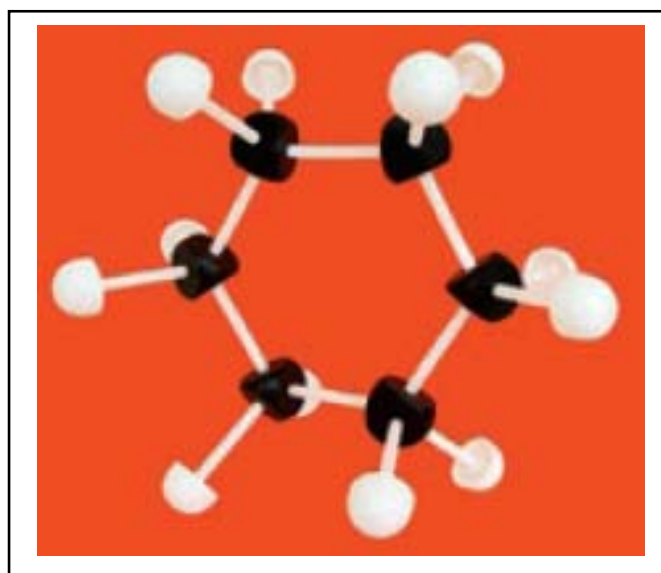
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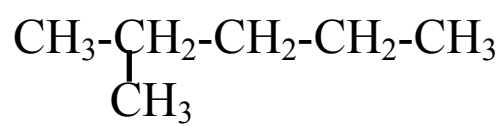
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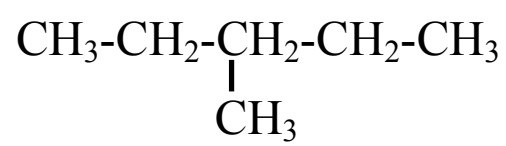
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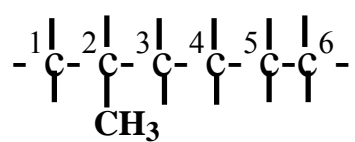
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 $\text{C}_4\text{H}_{10}$ 

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## Alcènes

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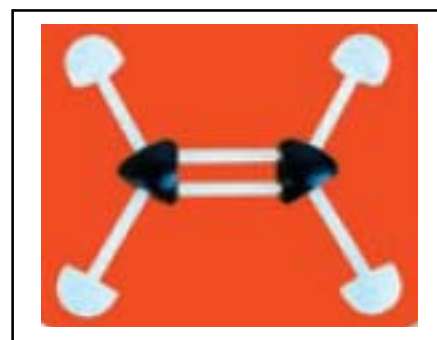
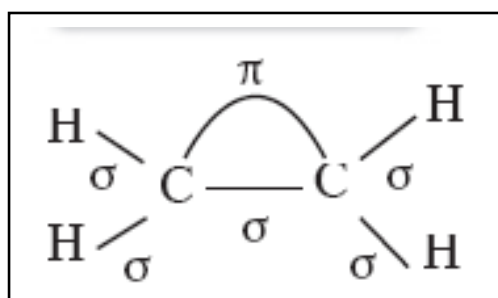
.  $C_nH_{2n}$  :.  $\pi$  $\sigma$ 

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n = 2



n = 3



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	C <sub>4</sub> H <sub>8</sub>	
	C <sub>7</sub> H <sub>14</sub>	
	C <sub>10</sub> H <sub>20</sub>	

C<sub>4</sub>H<sub>8</sub>

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	C <sub>4</sub> H <sub>8</sub>	
	C <sub>7</sub> H <sub>14</sub>	
	C <sub>6</sub> H <sub>12</sub>	
	C <sub>8</sub> H <sub>16</sub>	
	C <sub>10</sub> H <sub>20</sub>	





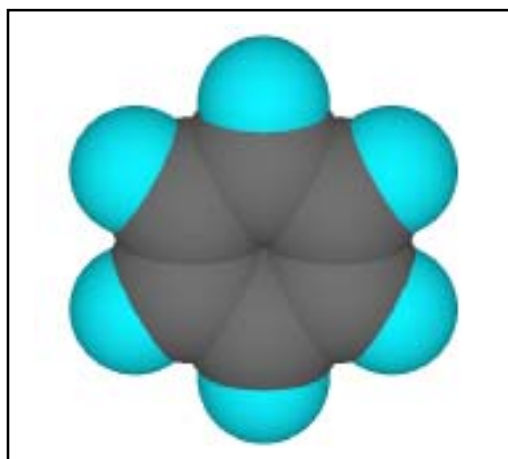
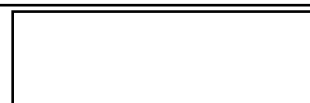
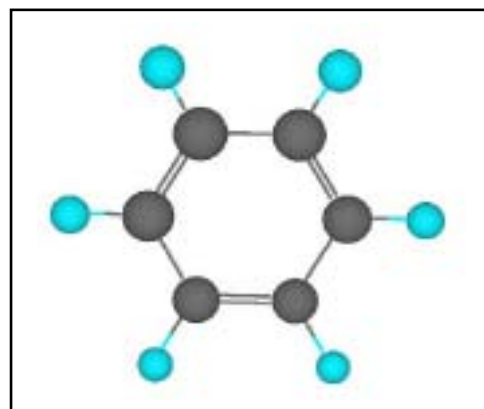
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	$C_4H_6$	
	$C_5H_{12}$	
	$C_{10}H_{22}$	

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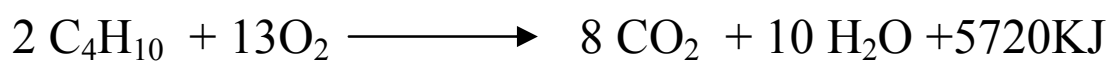
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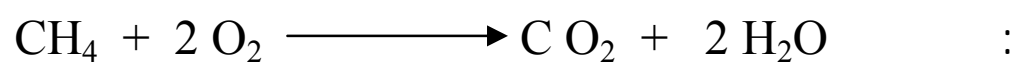
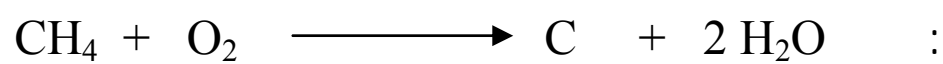
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