

propadiene

butadiene

pentadiene

hexadiene

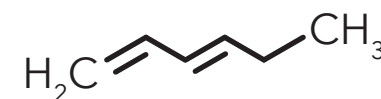
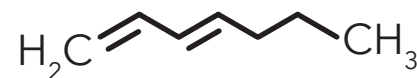
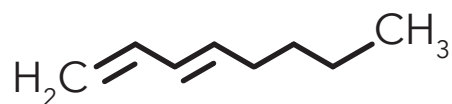
heptadiene

octadiene

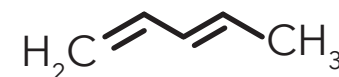
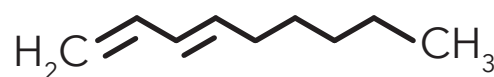
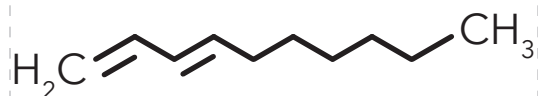
nonadiene

decadiene

**BONUS 1:** Write the name of an alkadiene with molecular formula of  $C_7H_{12}$



**BONUS 2:** Write the name of an alkadiene with molecular formula of  $C_4H_6$



**BONUS 1:** Draw the 2D structure of an alkadiene with molecular formula of  $C_7H_{12}$

**BONUS 2:** Draw the 2D structure of an alkadiene with molecular formula of  $C_4H_6$



Alkadienes are acyclic branched or unbranched hydrocarbons having two carbon-carbon double bonds.

- 1) Print and cut out cards
- 2) Shuffle
- 3) Match chemical name with 2D and 3D structure

Use with MOLTOYS  
Hydrocarbon Alkyne Kit  
[www.moltoys.com](http://www.moltoys.com)

