

## Builder Molecules

Name: \_\_\_\_\_

### Part 1: Naming

Given the following structures, write the name of the compound. Be sure to include numbers for location of double and triple bonds.

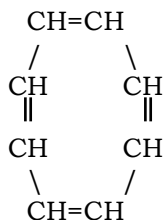
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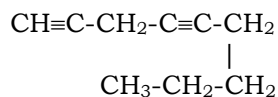
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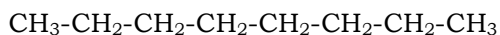
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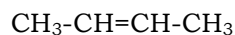
5)



3)



6)



### Part 2: Drawing Structural Diagrams

Given the following names, draw the structural formula of the compound. Be sure to include proper location for branches and location of double and triple bonds.

7) propane

10) 4-nonyne

8) cycloheptane

11) 1-pentene

9) 1,3,5,7-octatetrayne

12) 3,6-decadiyne

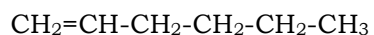
## Builder Molecules

Name: \_\_\_\_\_

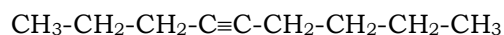
## Part 1: Naming

Given the following structures, write the name of the compound. Be sure to include numbers for location of double and triple bonds.

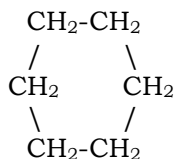
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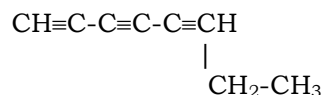
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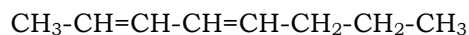
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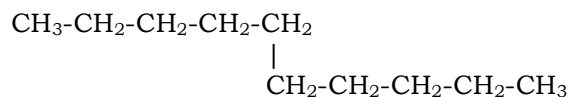
5)



3)



6)



## Part 2: Drawing Structural Diagrams

Given the following names, draw the structural formula of the compound. Be sure to include proper location for branches and location of double and triple bonds.

7) 2-heptene

10) 2,4-nonadiyne

8) cyclooctene

11) butane

9) 1,3,6-decatriene

12) nonane