

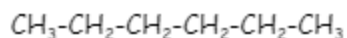
## Builder Molecules

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

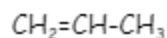
## Part 1: Naming

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

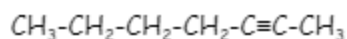
1)



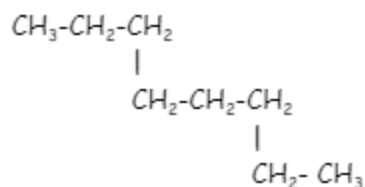
4)



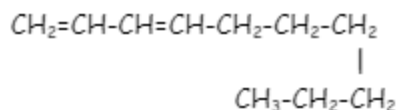
2)



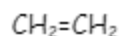
5)



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-butyne

10) 1,4-heptadiene

8) decane

11) ethane

9) 2,4,6-octatriene

12) 1-propyne

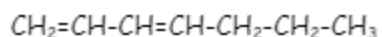
## Builder Molecules

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

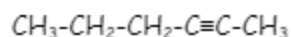
### Part 1: Naming

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

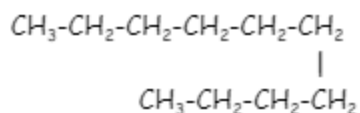
1)



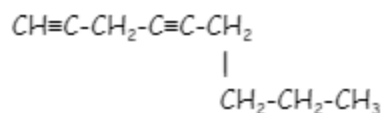
4)



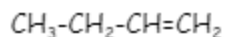
2)



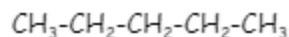
5)



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) hexane

10) 2-pentene

8) 3-octyne

11) 2-decyne

9) 1-heptene

12) 1,6-nonadiyne