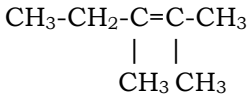
Builder Molecules 2

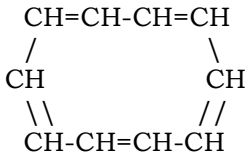
Name: _____

Part 1: Naming
Given the following structures, write the name of the compound. Be sure to include numbers for branches and location of double and triple bonds.

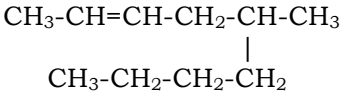
1)



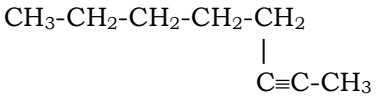
2)



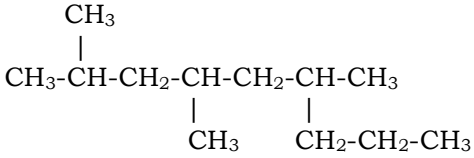
3)



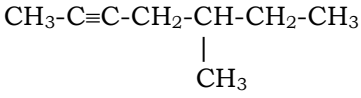
4)



5)



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) cycloheptene

8) 2,3,4-trimethylpentane

9) 4,6-dimethyl-1-nonyne

10) trans 3,4-dimethyl-3-octene

11) 3,6-decadiene

12) 2,2-dimethylpropane

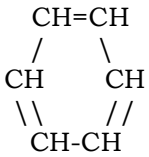
Builder Molecules 2

Name: _____

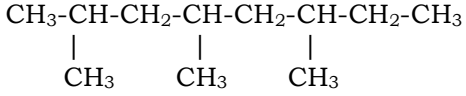
Part 1: Naming
Given the following structures, write the name of the compound. Be sure to include numbers for branches and location of double and triple bonds.

1)

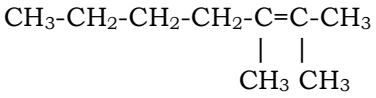
2)



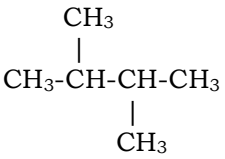
3)



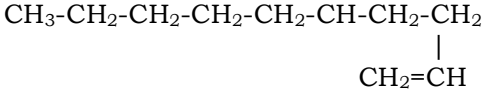
4)



5)



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) trans 2,3-dimethyl-2-pentene

8) cyclononane

9) 3,4 dimethyldecane

10) 2-methylhexane

11) 1,3-butadiyne

12) 4-methyl-2-octene