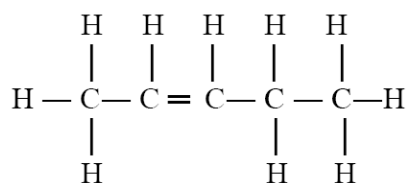


Naming and Drawing Alkenes Worksheet and Key

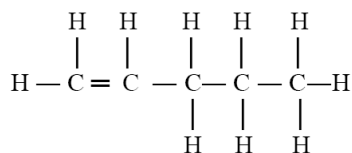
1) Draw and name the *cis* and *trans* condensed structure of:



<i>cis</i> condensed structure:	<i>trans</i> condensed structure:
name:	name:

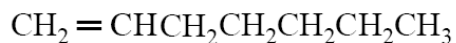
2. Name the following alkenes (include cis- or trans- for the alkenes that when appropriate)

a)



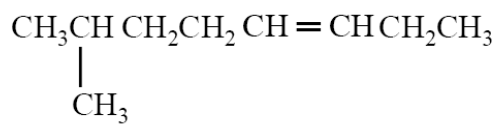
Name: _____

b)



Name: _____

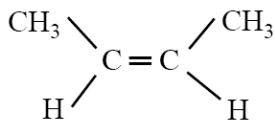
c)



Name: _____

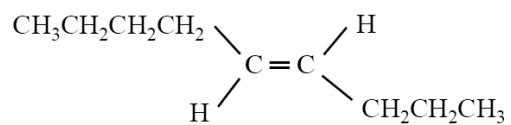
Be careful to correctly identify carbon #1.....

d)



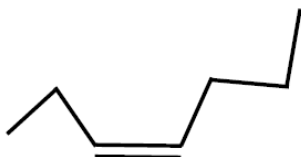
Name: _____

e)



Name: _____

f)



Name: _____

3. Draw the line bond, condensed, and skeletal structure of the following alkenes.

a) 1-hexene

line-bond structure	condensed structure	skeletal structure

b) 2-methyl-4-isopropyl-1-nonene

line-bond structure	condensed structure	skeletal structure

c) cis-2-hexene

line-bond structure	condensed structure	skeletal structure

d) trans-2-pentene

line-bond structure	condensed structure	skeletal structure

e) cis-2-methyl-3-hexene

line-bond structure	condensed structure	skeletal structure

1) *cis-2-pentene* *trans-2-pentene* 2a) *1-pentene* b) *1-heptene* c) *7-methyl-3-octene* d) *cis-2-butene*
e) *trans-4-nonene* f) *cis-3-heptene* 3) *see website*