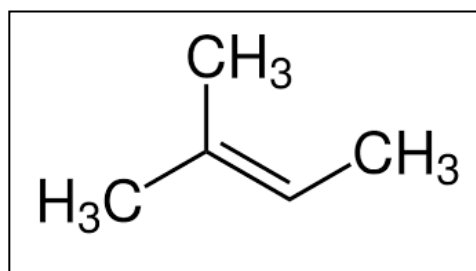
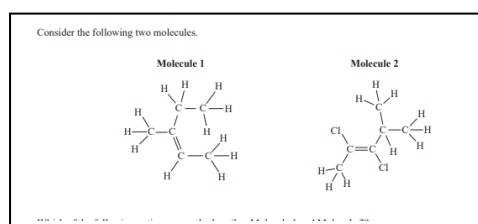


Geometric isomers (cis and trans) worksheet

1. Suggest why or why not the molecule shown on the right has trans and cis isomers. Name the molecule shown on the right.

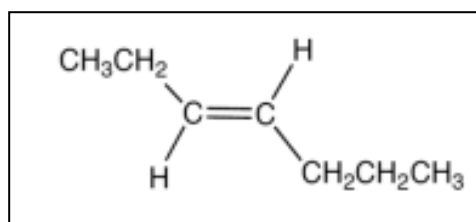


2. Consider the molecules shown on the right.
a. Can each molecule have trans and cis isomers? Explain

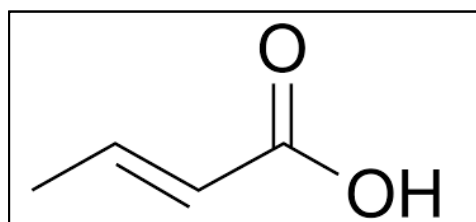


- b. Name each molecule.

3. Name the molecule on the right.



4. Name the molecule on the right.



5. Draw the cis and trans isomers, if they exist, of the following molecules.

- a. 2-chloropent-1-ene
b. 1-chloropent-1-ene
c. 3-methylpent-2-ene

