Chem 190 - Chapter 12

Homework: All definition matching, Review questions 1-5, 7, 8, 9, 11, 16, 17
Exercises 1-5, 9, 10, 11, 16, 17, 21, 22, 24

Chem 190 - Homework 12

1. Write the structural formula for the following condensed formula.

a. CH₃CH₂COOH

b. CH₃CHNH₂COOH

c. CH₃CH₂COCH₃

d. CH₃CH(CH₃)₂

2. Give the general class of compound for the following formula.

a. CH₃CH₂COH

b. CH₃CH₂CH₂OH

c. CH₃CH₂NH₂

d. CH₃CH₂COOCH₃

e. CH₃CH₂CONHCH₃

f. CH₃CH₂OCH₃

3. True or False. The boiling point of hexane is greater than the boiling point of butane.

4. Which of the following class of compounds would you expect to be used as a fragrance?

a. Alcohols

b. Esters

c. Ethers

d. Carboxylic acids

5. True or False. A compound is considered a heterocyclic compound if it contains an heteroatoms like O or N and is a cyclic compound.
6. Draw the structure of cyclopentene.