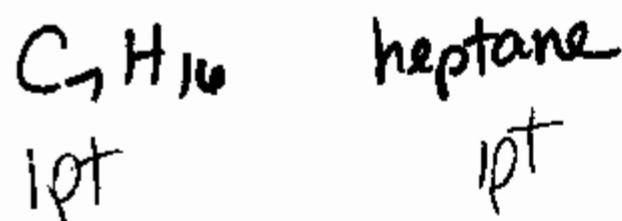


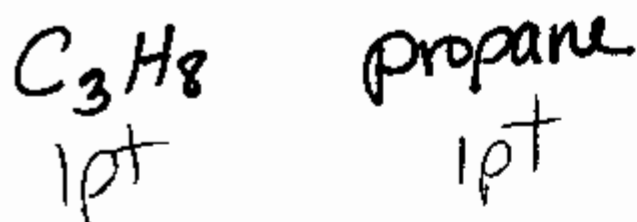
Quiz 7A
11 points

Name KEY
Maleckar/960/Fall 2009

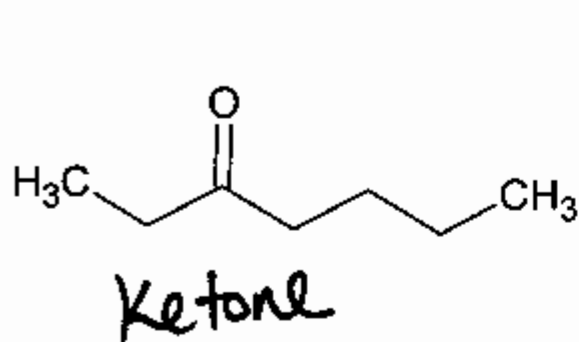
1. Write the name and formula of the alkane having seven carbons.



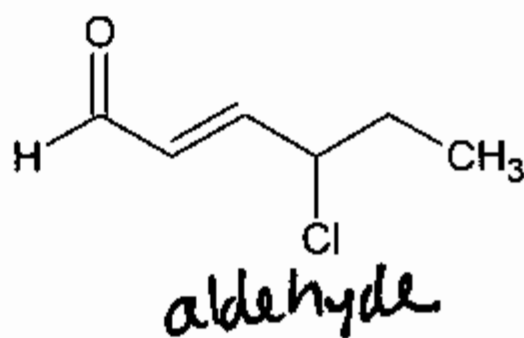
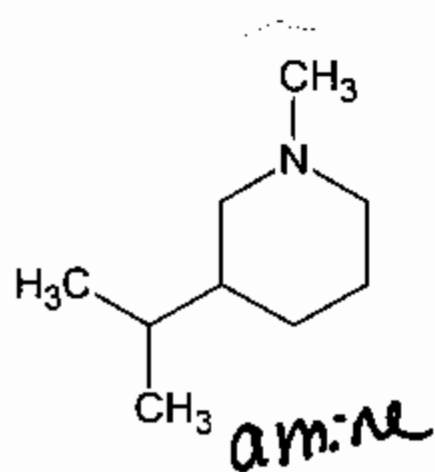
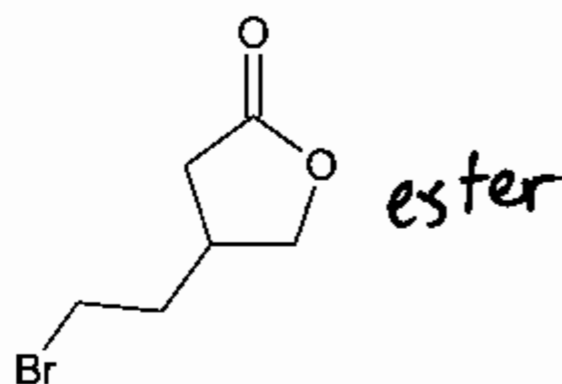
2. Write the name and formula of the alkane having three carbons.



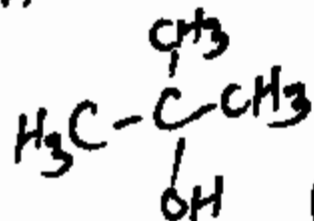
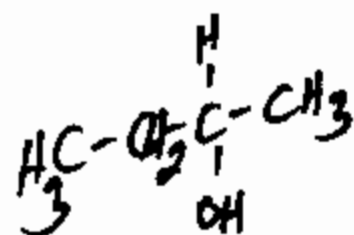
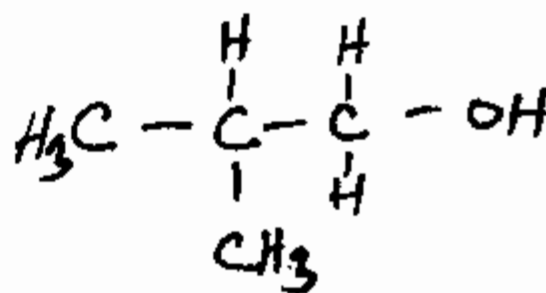
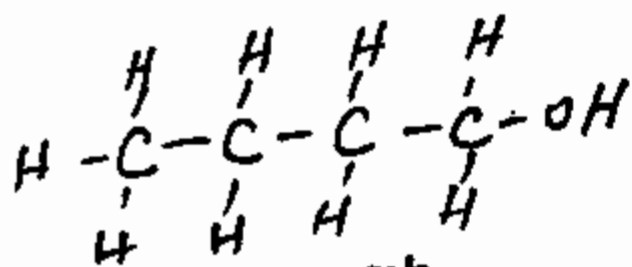
3. Label the following compounds according to their functional group. You will use only one functional group per compound. Not all functional groups will be used. Your choices are: alcohol, aldehyde, amide, amine, carboxylic acid, ester, ether, and ketone.



1pt each



4. Draw the structure of an alcohol having four carbons.



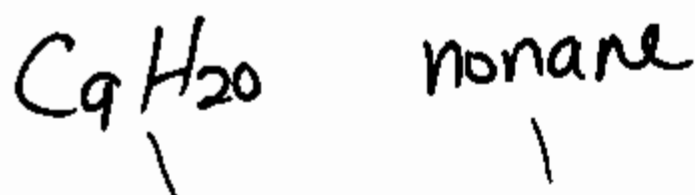
Any of these.

2pts

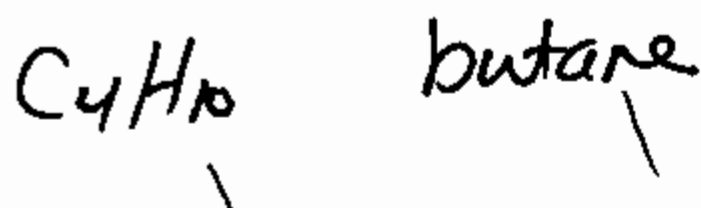
Quiz 7B
11 points

Name KEY
Malekar/960/Fall 2009

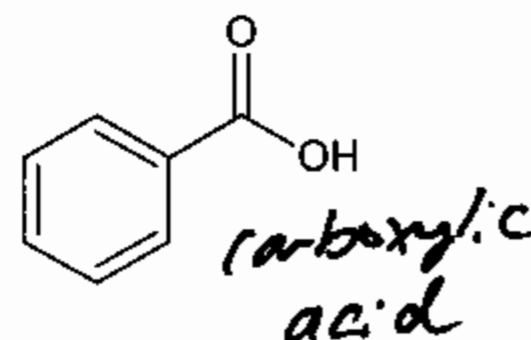
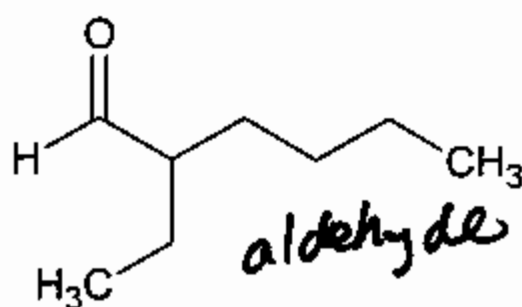
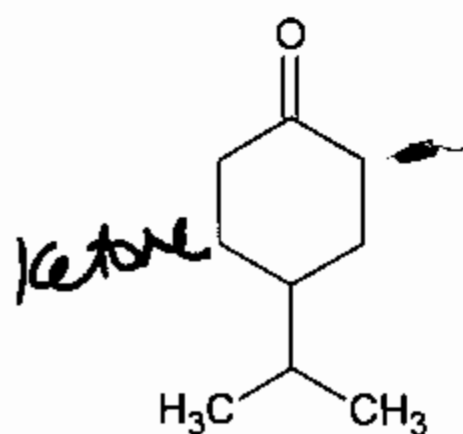
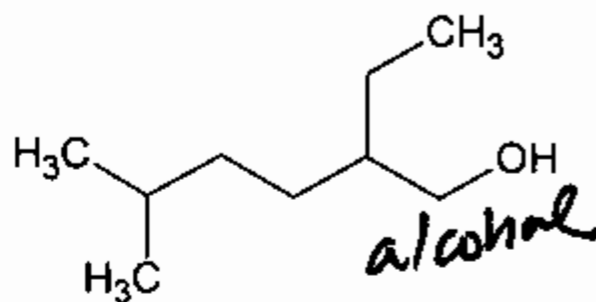
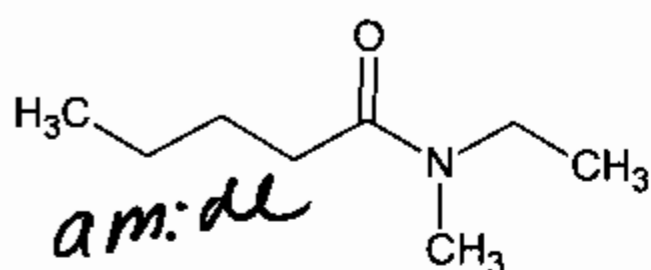
1. Write the name and formula of the alkane having nine carbons.



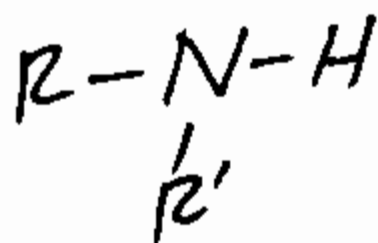
2. Write the name and formula of the alkane having four carbons.



3. Label the following compounds according to their functional group. You will use only one functional group per compound. Not all functional groups will be used. Your choices are: alcohol, aldehyde, amide, amine, carboxylic acid, ester, ether, and ketone.



4. Draw the structure of an amine that has two R groups that aren't hydrogens.

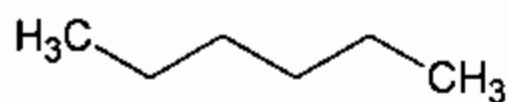


2015

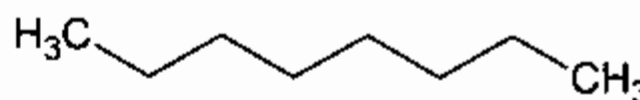
Quiz 7C
11 points

Name KEY
Maleckar/960/Fall 2009

1. Give the names of the following compounds.

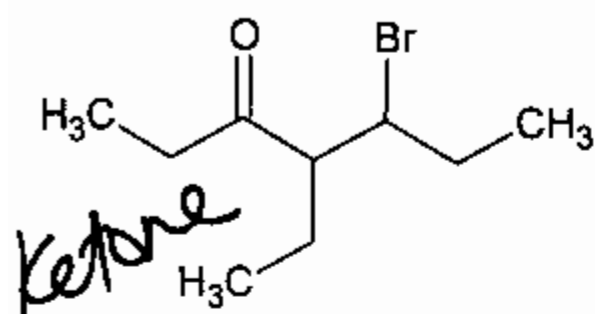


hexane

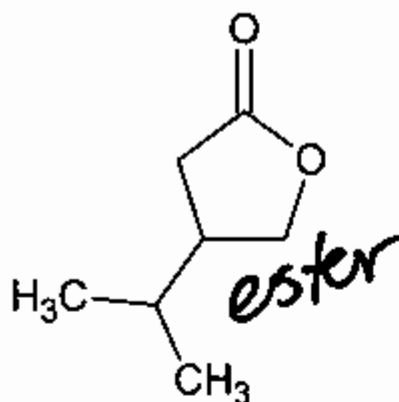


octane

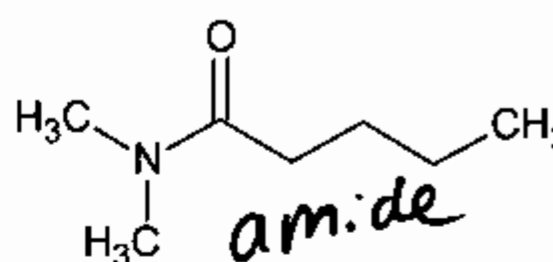
2. Label the following compounds according to their functional group. You will use only one functional group per compound. Not all functional groups will be used. Your choices are: alcohol, aldehyde, amide, amine, carboxylic acid, ester, ether, and ketone. If a compound fits into none of these groups, put an "X" over the compound.



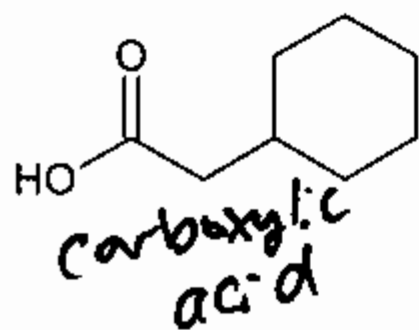
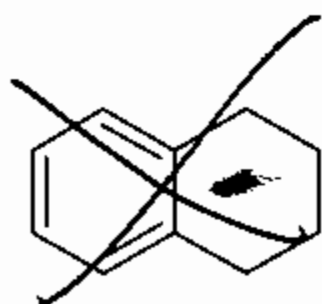
ketone



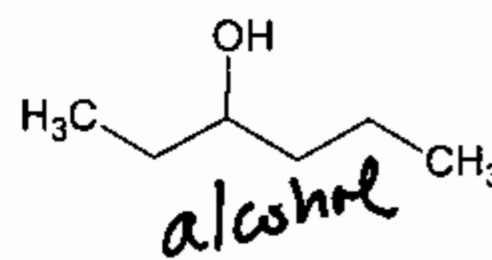
ester



amide



carboxylic acid

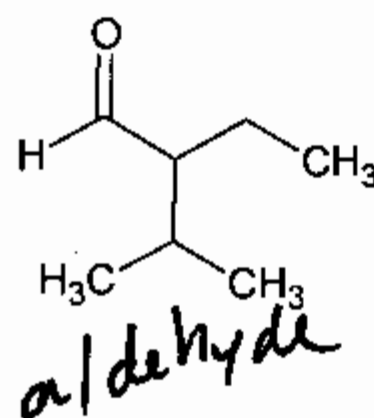


alcohol

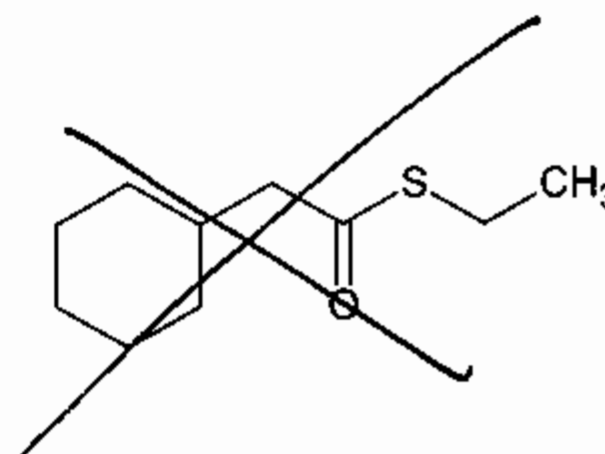
lot each



amine



aldehyde



Quiz 7D
11 points

Name KEY
Maleckar/960/Fall 2009

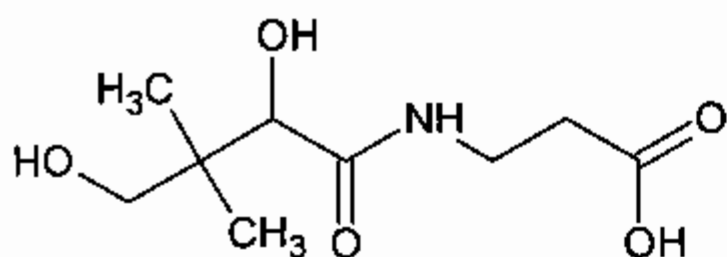
1. Write the name and formula of the alkane having five carbons.



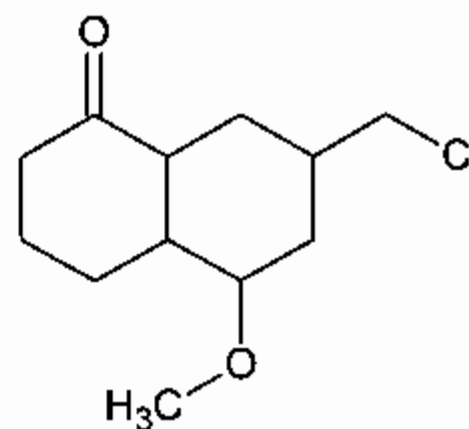
2. Write the name and formula of the alkane having eight carbons.



3. Each compound below contains at least one of the basic functional groups. List beneath each compound the functional groups contained in that compound. You do not need to circle the atoms or identify where the functional group is, just that it is present. Your choices are alcohol, aldehyde, amide, amine, carboxylic acid, ester, ether, and ketone. You will be penalized for every extra group listed that is not present.



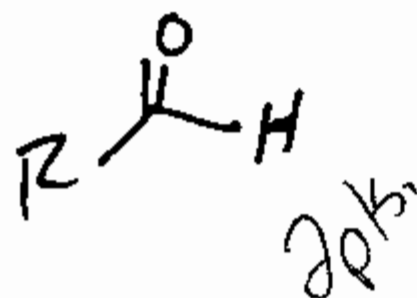
alcohol
amide
carboxylic acid



ketone
ether

1 pt each
-1 for each additional FG given

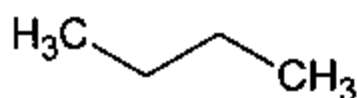
4. Draw any aldehyde.



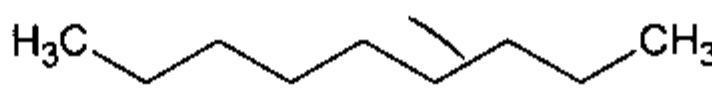
Quiz 7E
11 points

Name KEY
Maleckar/960/Fall 2009

1. Give the names of the following compounds.

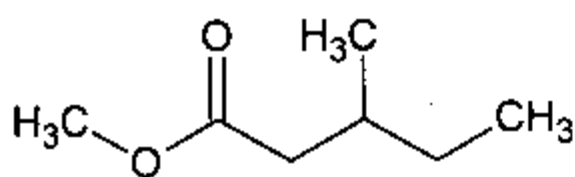


butane

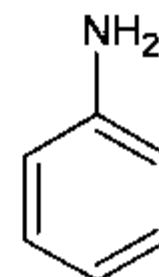
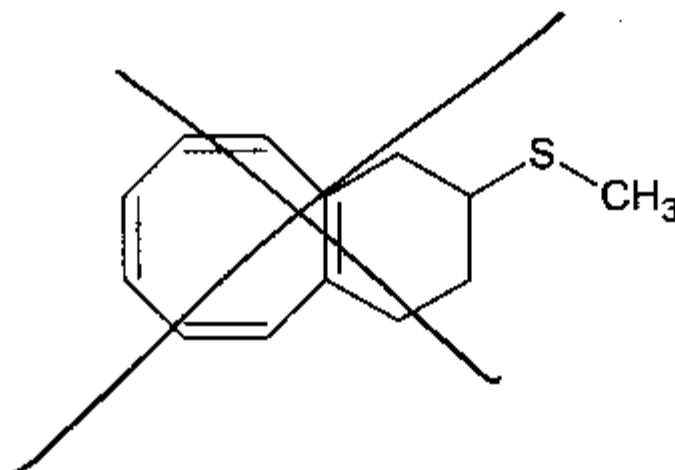


nonane

2. Label the following compounds according to their functional group. You will use only one functional group per compound. Not all functional groups will be used. Your choices are: alcohol, aldehyde, amide, amine, carboxylic acid, ester, ether, and ketone. If a compound fits into none of these groups, put an "X" over the compound.

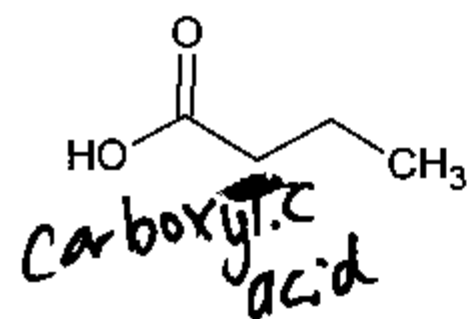


ester

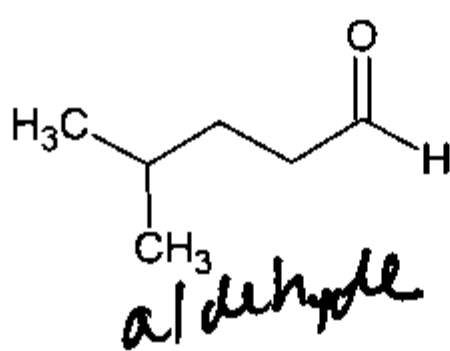


amine

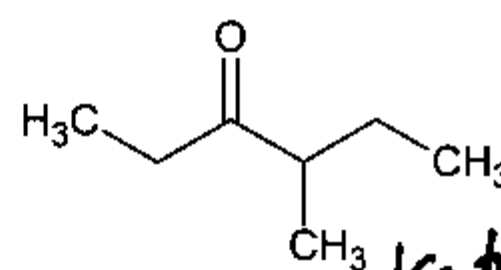
107 each



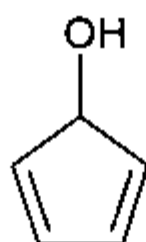
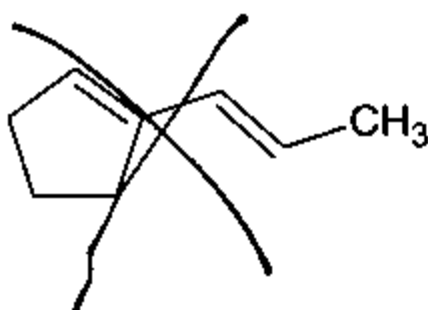
carboxylic acid



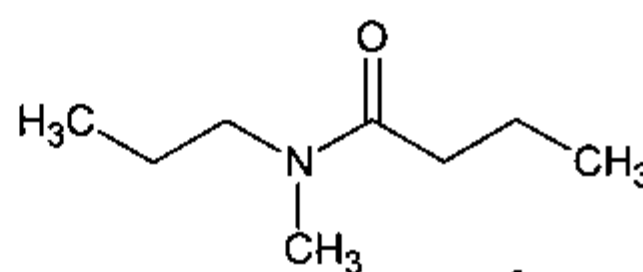
aldehyde



ketone



alcohol



amide