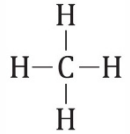
Organic compounds and reactions

Unscramble the phrases in the table to make the correct definitions for the key terms listed in column A (phrases can be used once, more than once, or not at all). Then write out the definitions in full, in the spaces provided below the table.

A	B	C	D	E
The general formula	is an organic compound that	every member of a particular	-COOH functional group,	such as an alkene.
The structural formula	is a type of structural formula that shows	the atoms of each element in	between one or more of the carbon atoms,	such as methanoic acid and ethanoic acid.
The displayed formula	is a formula that represents	contains an	the molecule, such as	such as methanol and ethanol.
A functional group	is a hydrocarbon with a	contains a	has the general formula C_nH_{2n}	such as the -OH group in an alcohol.
An alkene		are responsible for the	chemical properties of a compound,	$CH_3CH_2CH_3$ for propane.
An unsaturated hydrocarbon	shows the number and arrangement of	C=C double bond which	-OH functional group,	C_nH_{2n+2} for alkanes.
An alcohol		double or triple bond	one molecule, such as	such as ethene and propene.
A carboxylic acid	is a group of atoms that	all the bonds between the atoms in	homologous series, such as	shown here for methane. 

The general formula _____

_____

The structural formula _____

_____

The displayed formula _____

_____

A functional group _____

_____

An alkene _____

_____

An unsaturated hydrocarbon _____

_____

An alcohol _____

_____

A carboxylic acid _____

_____

Connection completion

Choose the letter from the table below that contains the correct row of connective words to complete these sentences:

Alkenes are unsaturated hydrocarbons _____ they have a C=C double bond. It is _____ this double bond that all alkenes have similar chemical properties and, _____, the same general formula.

A	since	in spite of	thus
B	if	because of	sometimes
C	even though	instead of	hence
D	because	due to	furthermore