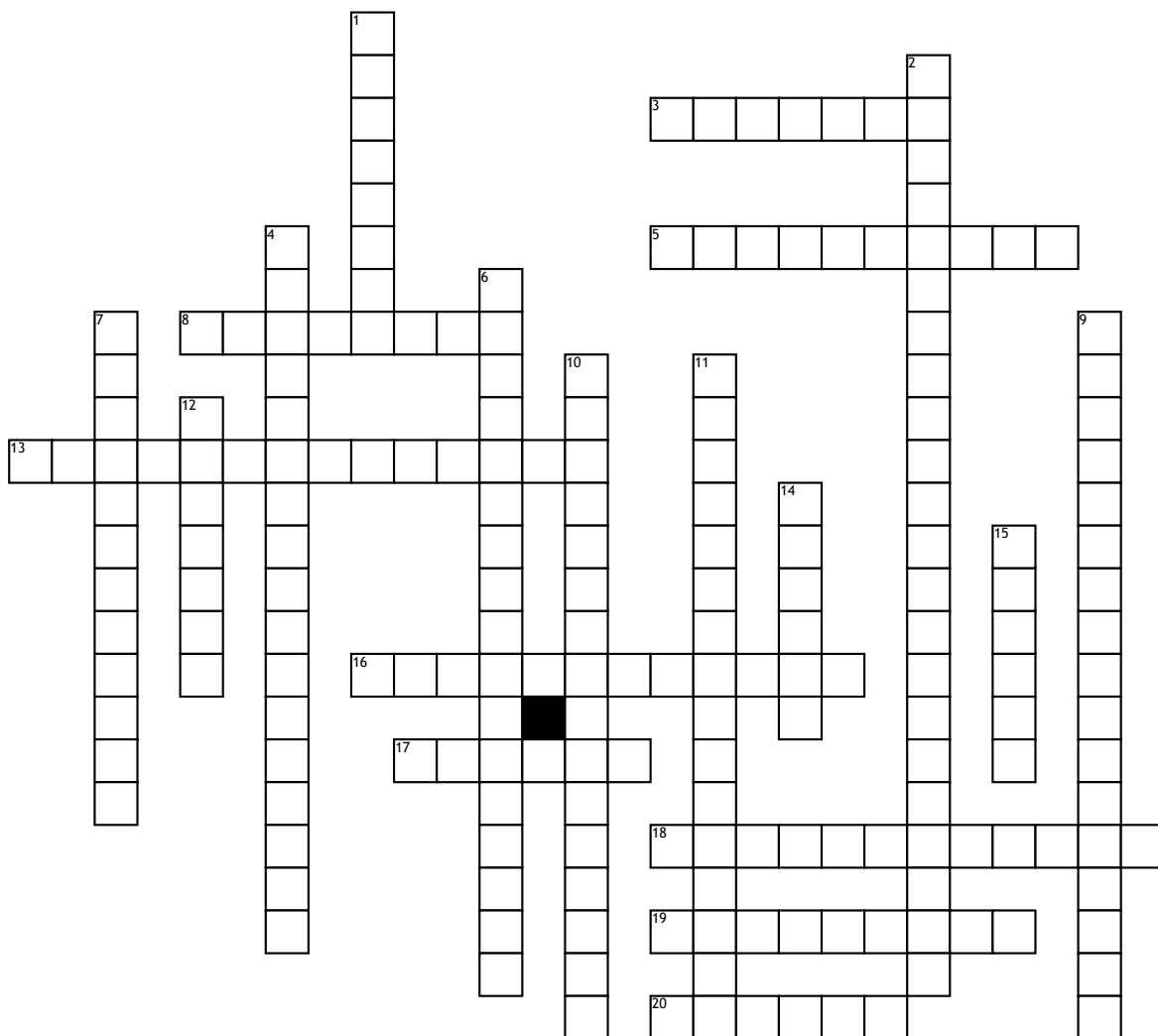


Organic Chemistry Crossword



Across

3. A molecule that can be bonded to other identical molecules to form a polymer
 5. The chemical name for burning
 8. A substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change
 13. An organic acid containing the carboxyl group, -COOH .
 16. The temperature at which a substance boils and turns to vapour
 17. A compound which have the same molecular formula but a different structural formula
 18. The conversion of glucose by microorganisms such as yeast into ethanol and carbon dioxide.

19. A group of molecules attached to a backbone chain of a long molecule
 20. a sweet smelling chemical made by reacting an alcohol with an organic acid

Down

1. A mixture of hydrocarbons present under the earth's crust as a black sticky liquid
 2. A process that separates the components in a mixture on the bases of their different boiling points
 4. The breaking down of long chain hydrocarbon molecules a catalyst to produce smaller hydrocarbon molecules and/or hydrogen.
 6. A formula which shows how the atoms are arranged in a molecule
 7. Organic compounds made up from the elements hydrogen and carbon only

9. Used for fractional distillation of crude oil.
 10. Reaction of alkenes with hydrogen, water or bromine
 11. A family of organic compounds with members of the family having the same functional group and similar chemical properties
 12. A very large molecule built up of a number of repeating units called monomers
 14. Hydrocarbon having the general formula $\text{C}_n\text{H}_{2n+2}$
 15. Hydrocarbon that contains one or more carbon-carbon double bonds. Alkenes with only one carbon-carbon double bond have the general formula C_nH_{2n}