

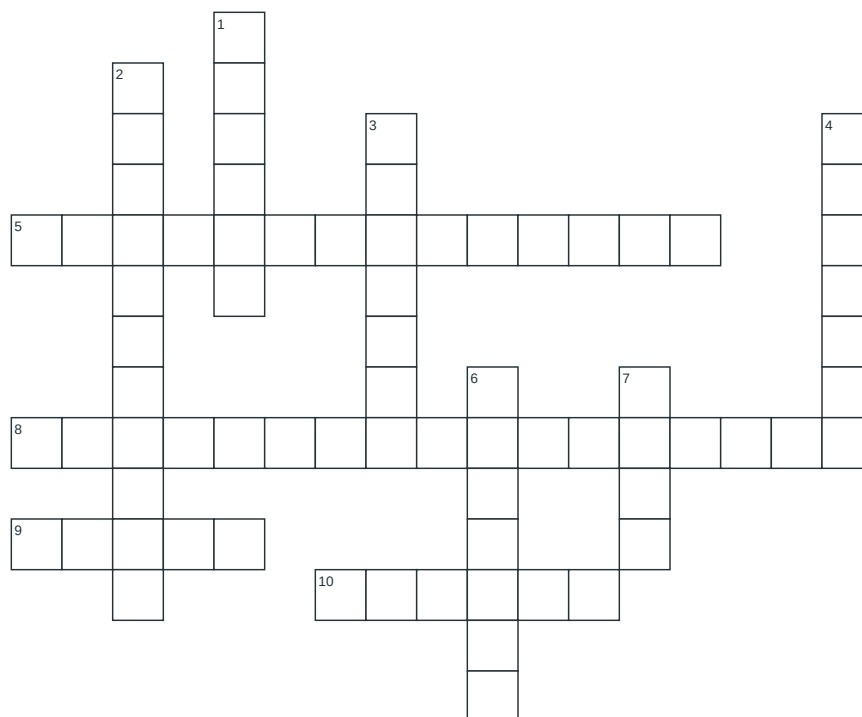
Organic Chemistry Fundamentals Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

5. Organic compound containing a carboxyl functional group
8. Compounds with the same molecular formula but different atom connections
9. Definition of a vertical column of the periodic table called
10. An process has a carbon-carbon double bond

DOWN

1. Element that forms the backbone of most organic molecules

DOWN (continued)

2. Organic compound containing only carbon and hydrogen
3. A large molecule made from many linked smaller units
4. A molecule has two carbons connected by a triple bond. Which family includes it
6. Pure substance made of only one type of atom.
7. Way in which many covalent bonds does a neutral carbon atom usually form in introductory organic structures

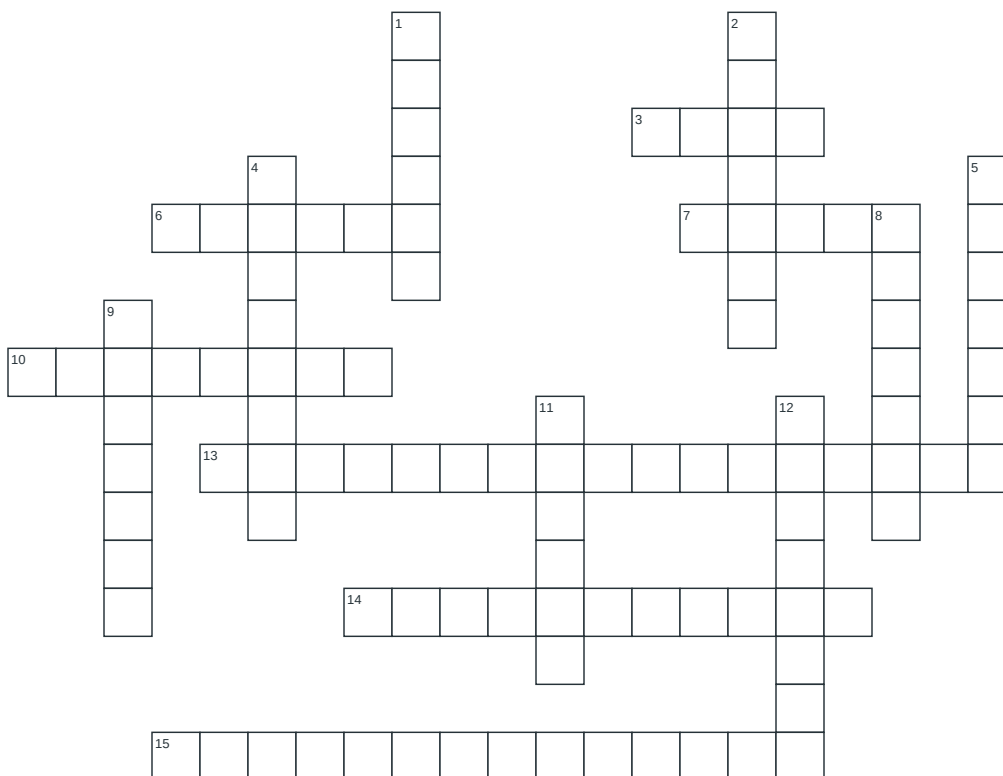
Organic Chemistry Fundamentals Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.

**ACROSS**

3. Way in which many covalent bonds does a neutral carbon atom usually form in introductory organic structures
6. Element that forms the backbone of most organic molecules
7. Definition of a vertical column of the periodic table called
10. A discrete group of atoms held together by covalent bonds
13. Compounds with the same molecular formula but different atom connections
14. Organic compound containing only carbon and hydrogen
15. Organic compound containing a carboxyl functional group

DOWN

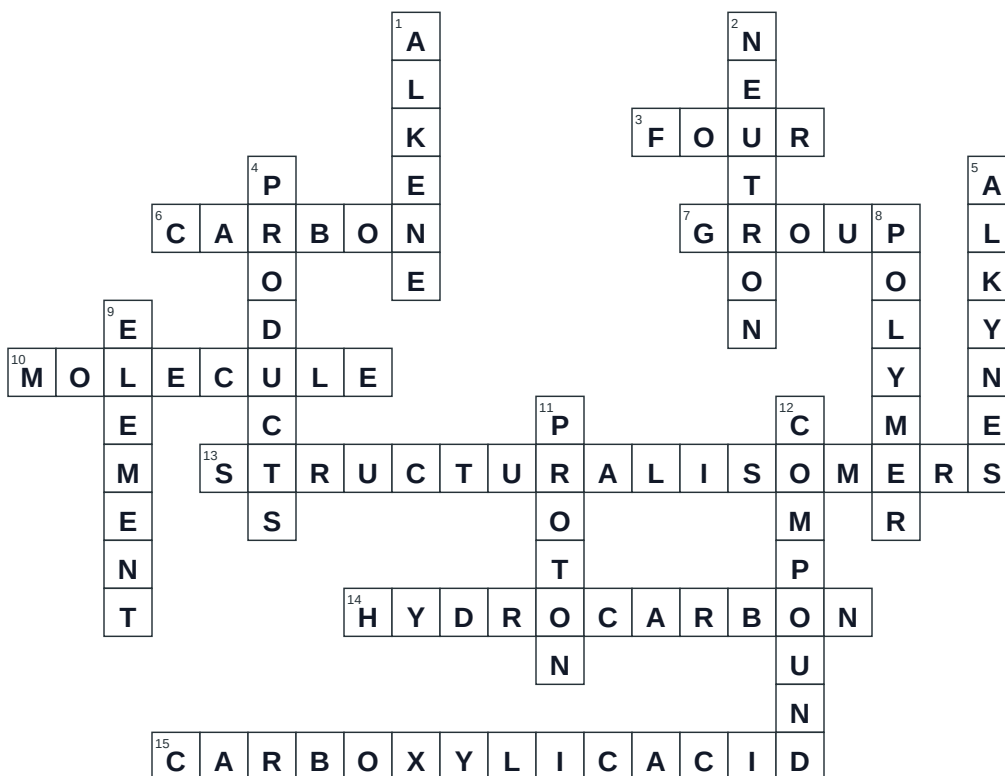
1. An process has a carbon-carbon double bond
2. Subatomic particle that has no electric charge
4. Substances formed by a chemical reaction
5. A molecule has two carbons connected by a triple bond. Which family includes it
8. A large molecule made from many linked smaller units
9. Pure substance made of only one type of atom.
11. Subatomic particle that carries a positive electric charge
12. Pure substance made of two or more elements chemically combined.

Organic Chemistry Fundamentals Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

3. Four
6. Carbon
7. Group
10. Molecule
13. Structural Isomers
14. Hydrocarbon
15. Carboxylic Acid

DOWN

1. Alkene
2. Neutron
4. Products
5. Alkynes
8. Polymer
9. Element
11. Proton
12. Compound

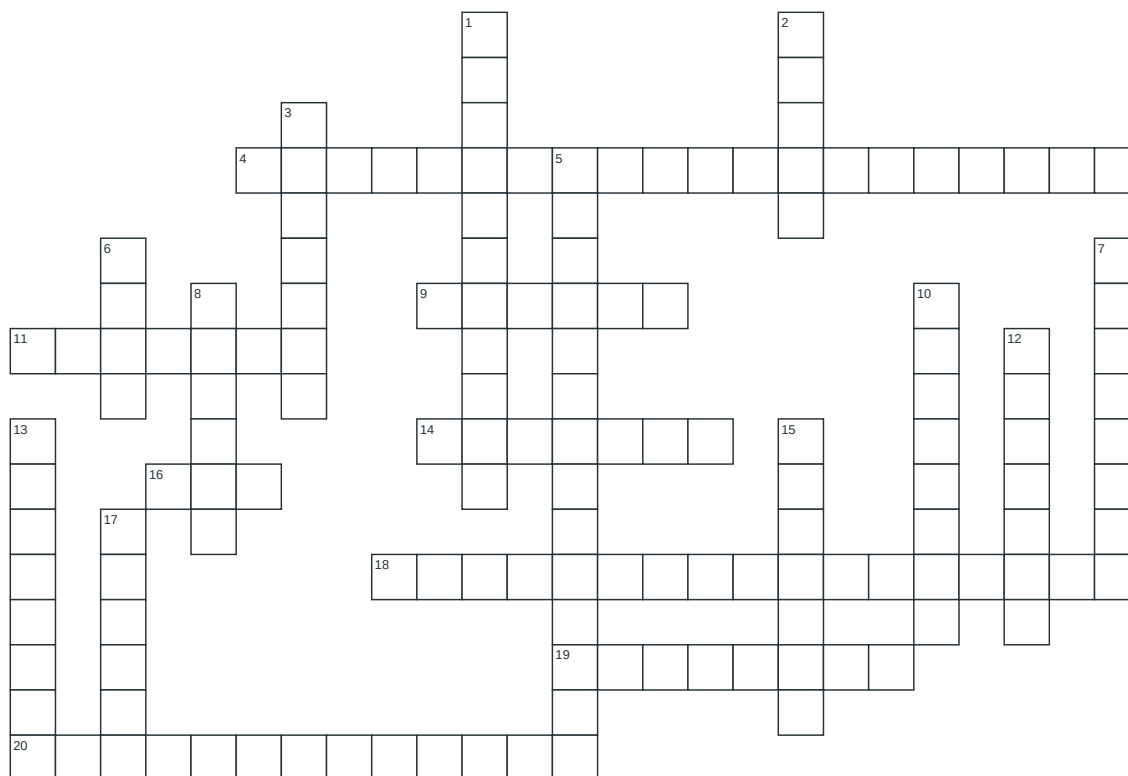
Organic Chemistry Fundamentals Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

4. Condition in which positive and negative charges balance.
9. Element that forms the backbone of most organic molecules
11. Subatomic particle that has no electric charge
14. A large molecule made from many linked smaller units
16. Atom or group of atoms with a net electric charge.
18. Compounds with the same molecular formula but different atom connections
19. Pure substance made of two or more elements chemically combined.
20. Electron locations are described by regions of probability

DOWN

1. Organic compound containing only carbon and hydrogen
2. Definition of a vertical column of the periodic table called

DOWN (continued)

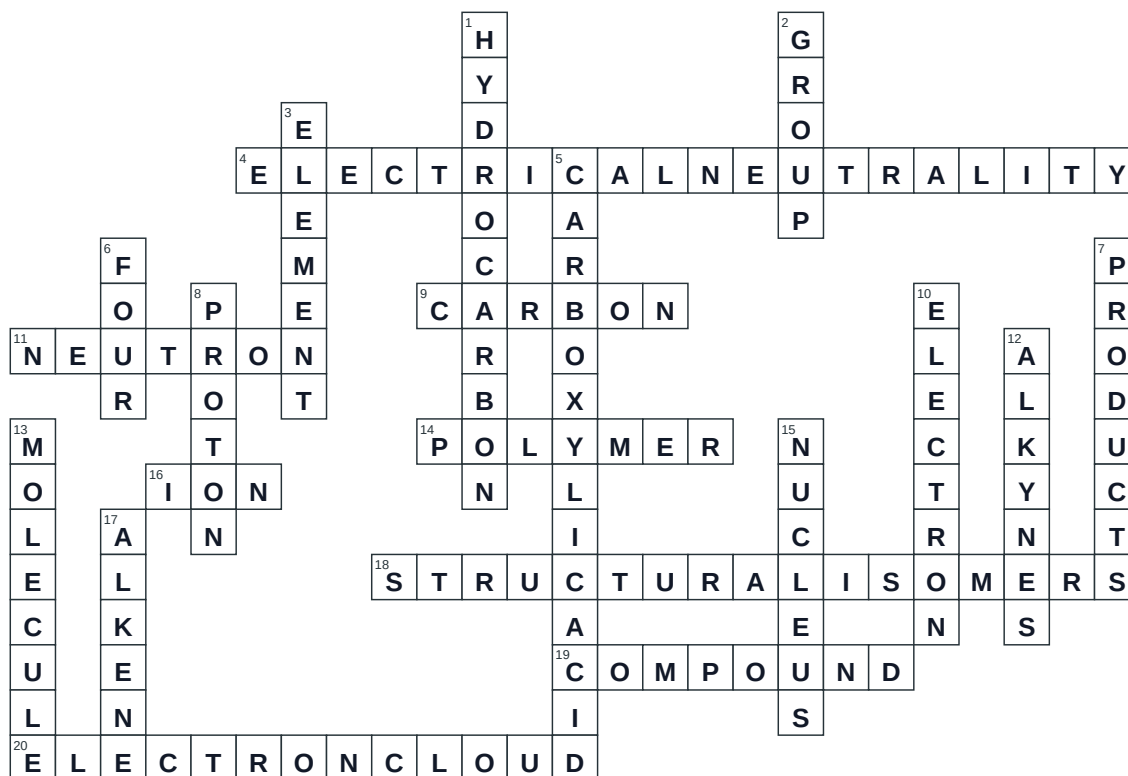
3. Pure substance made of only one type of atom.
5. Organic compound containing a carboxyl functional group
6. Way in which many covalent bonds does a neutral carbon atom usually form in introductory organic structures
7. Substances formed by a chemical reaction
8. Subatomic particle that carries a positive electric charge
10. Definition of a beta-minus particle emitted in nuclear decay
12. A molecule has two carbons connected by a triple bond. Which family includes it
13. A discrete group of atoms held together by covalent bonds
15. Membrane-bound organelle that contains most eukaryotic DNA.
17. An process has a carbon-carbon double bond

Organic Chemistry Fundamentals Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

- 4. Electrical neutrality
- 9. Carbon
- 11. Neutron
- 14. Polymer
- 16. Ion
- 18. Structural Isomers
- 19. Compound
- 20. Electron Cloud

DOWN

- 1. Hydrocarbon

DOWN (continued)

- 2. Group
- 3. Element
- 5. Carboxylic Acid
- 6. Four
- 7. Products
- 8. Proton
- 10. Electron
- 12. Alkynes
- 13. Molecule
- 15. Nucleus
- 17. Alkene