

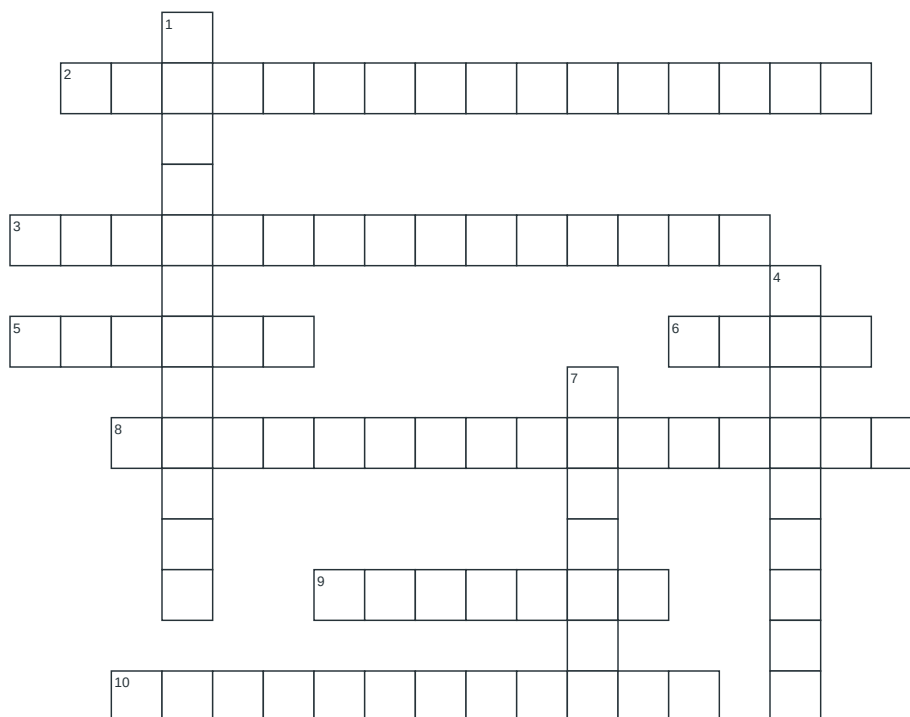
Moles and Stoichiometry Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

2. The maximum product predicted from the reaction stoichiometry
3. Amount of substance found by dividing mass by molar mass
5. Subatomic particle that carries a positive electric charge
6. Unit that commonly expresses molar mass
8. The reactant that restricts the maximum product amount

ACROSS (continued)

9. Two or more substances combined without a fixed chemical composition
10. Numbers are adjusted when balancing an equation without changing substances

DOWN

1. Actual yield divided by theoretical yield, multiplied by 100
4. Mass per mole of a substance
7. Subatomic particle that has no electric charge

Moles and Stoichiometry Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

- 2. Theoretical Yield
- 3. Mole Calculation
- 5. Proton
- 6. G/mol
- 8. Limiting Reactant
- 9. Mixture

ACROSS (continued)

- 10. Coefficients

DOWN

- 1. Percent Yield
- 4. Molar Mass
- 7. Neutron

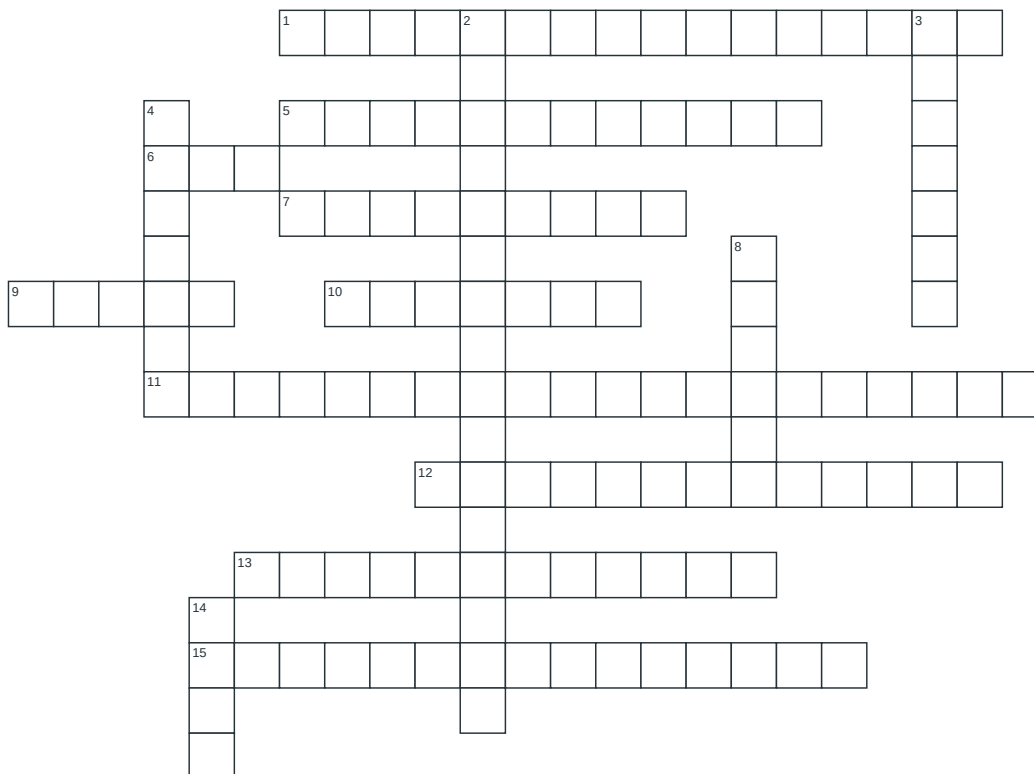
Moles and Stoichiometry Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. The reactant that restricts the maximum product amount
5. Actual yield divided by theoretical yield, multiplied by 100
6. Atom or group of atoms with a net electric charge.
7. Mass per mole of a substance
9. Definition of a vertical column of the periodic table called
10. Subatomic particle that has no electric charge
11. Condition in which positive and negative charges balance.
12. Electron locations are described by regions of probability

ACROSS (continued)

13. Numbers are adjusted when balancing an equation without changing substances
15. Amount of substance found by dividing mass by molar mass

DOWN

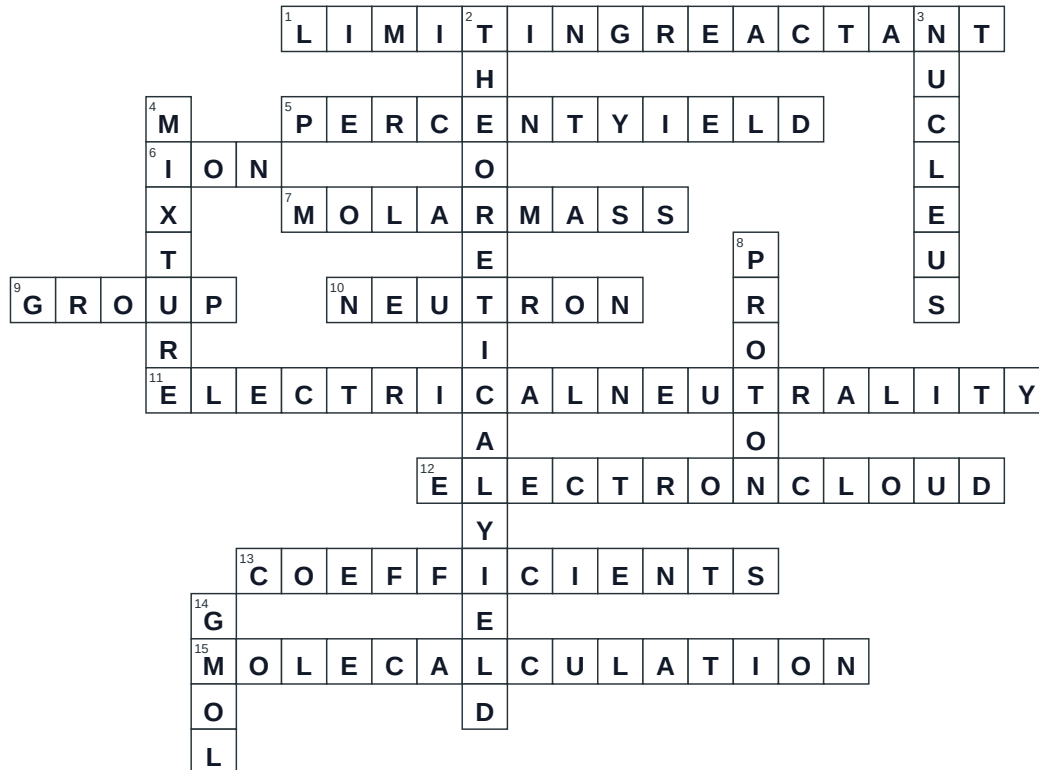
2. The maximum product predicted from the reaction stoichiometry
3. Membrane-bound organelle that contains most eukaryotic DNA.
4. Two or more substances combined without a fixed chemical composition
8. Subatomic particle that carries a positive electric charge
14. Unit that commonly expresses molar mass

Moles and Stoichiometry Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Limiting Reactant
5. Percent Yield
6. Ion
7. Molar Mass
9. Group
10. Neutron
11. Electrical neutrality
12. Electron Cloud

ACROSS (continued)

13. Coefficients
15. Mole Calculation

DOWN

2. Theoretical Yield
3. Nucleus
4. Mixture
8. Proton
14. G/mol

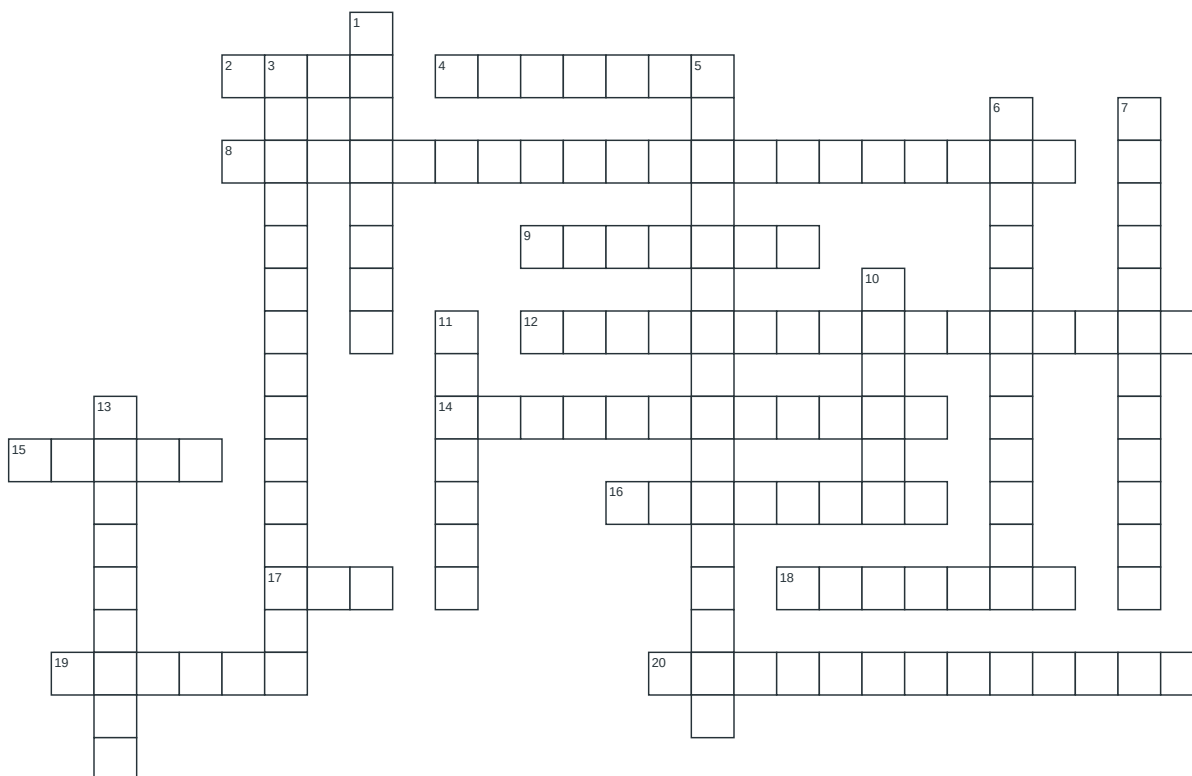
Moles and Stoichiometry Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

2. Unit that commonly expresses molar mass
4. Pure substance made of only one type of atom.
8. Condition in which positive and negative charges balance.
9. Subatomic particle that has no electric charge
12. The reactant that restricts the maximum product amount
14. Numbers are adjusted when balancing an equation without changing substances
15. Definition of a vertical column of the periodic table called
16. Group that includes fluorine, chlorine, and bromine
17. Atom or group of atoms with a net electric charge.
18. Two or more substances combined without a fixed chemical composition
19. Element that forms the backbone of most organic molecules

ACROSS (continued)

20. Electron locations are described by regions of probability

DOWN

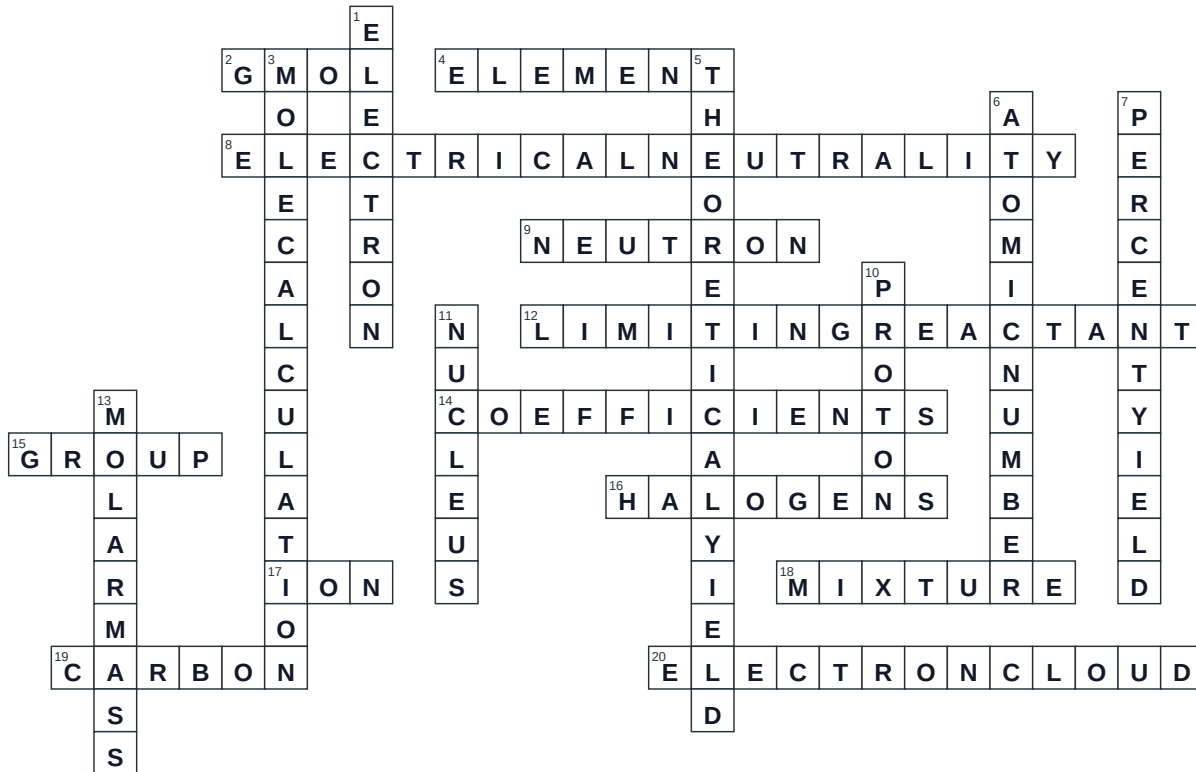
1. Definition of a beta-minus particle emitted in nuclear decay
3. Amount of substance found by dividing mass by molar mass
5. The maximum product predicted from the reaction stoichiometry
6. Number of protons in an atom's nucleus.
7. Actual yield divided by theoretical yield, multiplied by 100
10. Subatomic particle that carries a positive electric charge
11. Membrane-bound organelle that contains most eukaryotic DNA.
13. Mass per mole of a substance

Moles and Stoichiometry Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. G/mol
4. Element
8. Electrical neutrality
9. Neutron
12. Limiting Reactant
14. Coefficients
15. Group
16. Halogens
17. Ion
18. Mixture
19. Carbon

ACROSS (continued)

20. Electron Cloud

DOWN

1. Electron
3. Mole Calculation
5. Theoretical Yield
6. Atomic number
7. Percent Yield
10. Proton
11. Nucleus
13. Molar Mass