

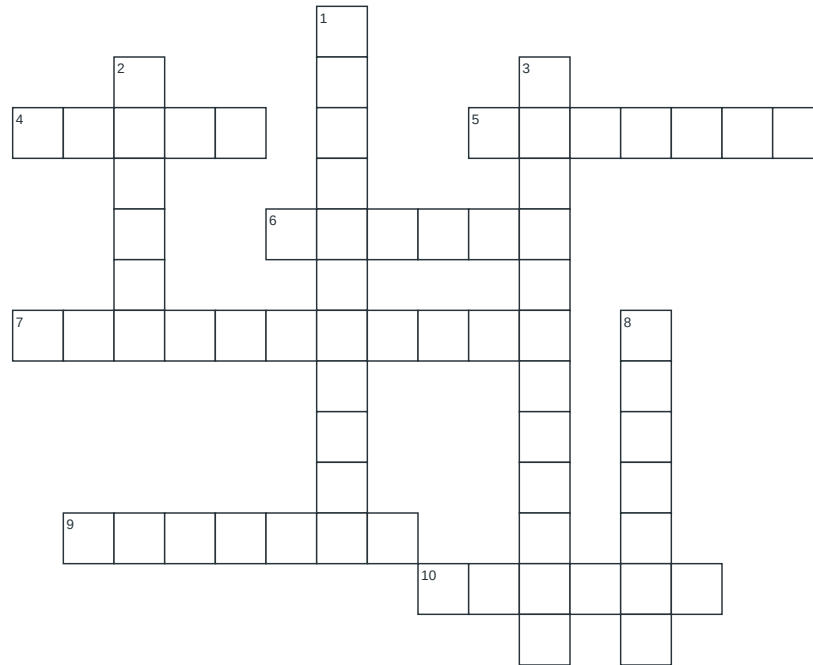
States of Matter Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

4. State generally has a fixed volume and a fixed shape
5. process forms vapor bubbles throughout the liquid under suitable conditions
6. State generally has a fixed volume but takes the shape of its container
7. Change from liquid water to water vapor at a surface
9. Phase change in which a solid becomes a liquid
10. Subatomic particle that carries a positive electric charge

DOWN

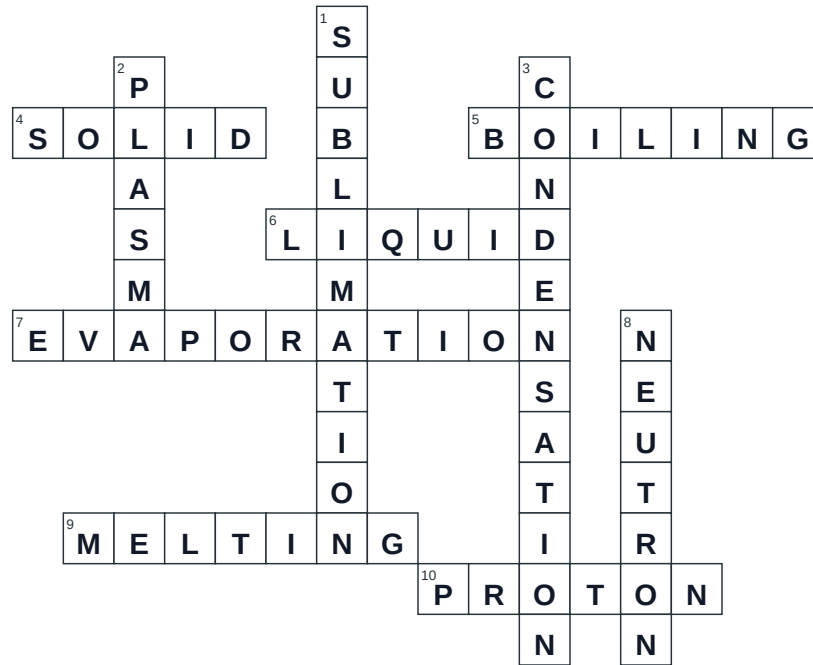
1. Phase change in which a solid becomes a gas without becoming liquid first
2. A state with substantial ionization and mobile charged particles
3. Phase change in which a gas becomes a liquid
8. Subatomic particle that has no electric charge

States of Matter Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

4. Solid
5. Boiling
6. Liquid
7. Evaporation
9. Melting
10. Proton

DOWN

1. Sublimation
2. Plasma
3. Condensation
8. Neutron

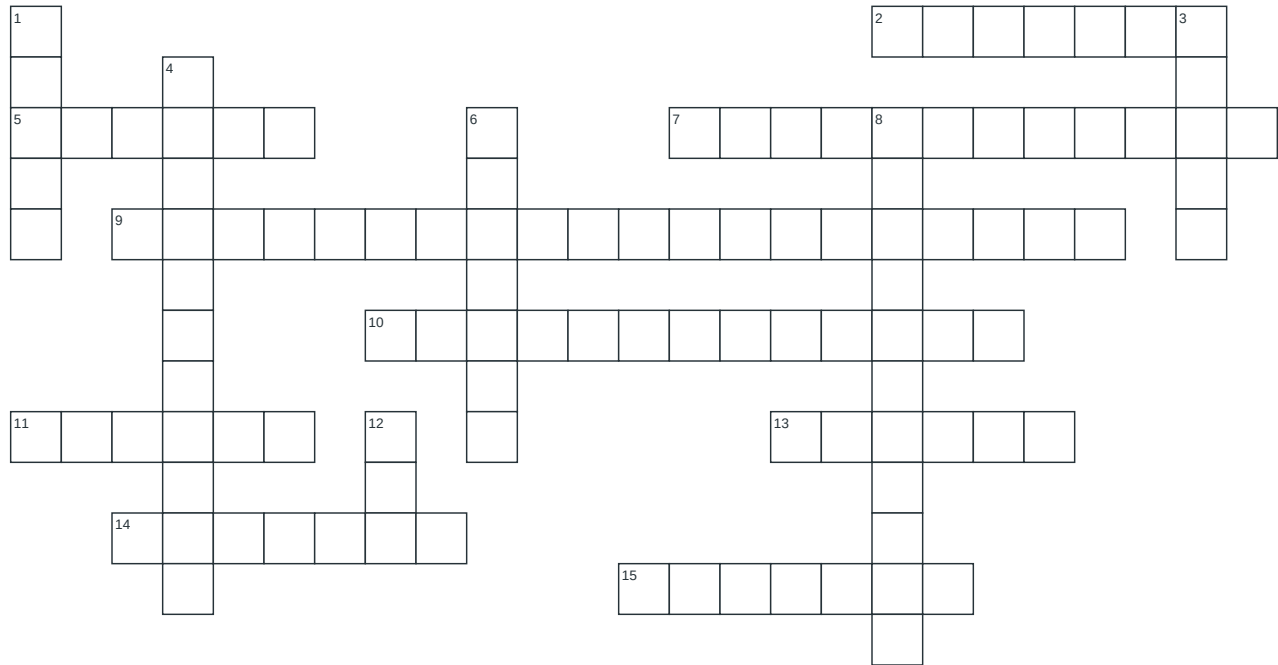
States of Matter Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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

**ACROSS**

2. Phase change in which a solid becomes a liquid
5. State generally has a fixed volume but takes the shape of its container
7. Phase change in which a gas becomes a liquid
9. Condition in which positive and negative charges balance.
10. Electron locations are described by regions of probability
11. Subatomic particle that carries a positive electric charge
13. A state with substantial ionization and mobile charged particles

ACROSS (continued)

14. process forms vapor bubbles throughout the liquid under suitable conditions
15. Subatomic particle that has no electric charge

DOWN

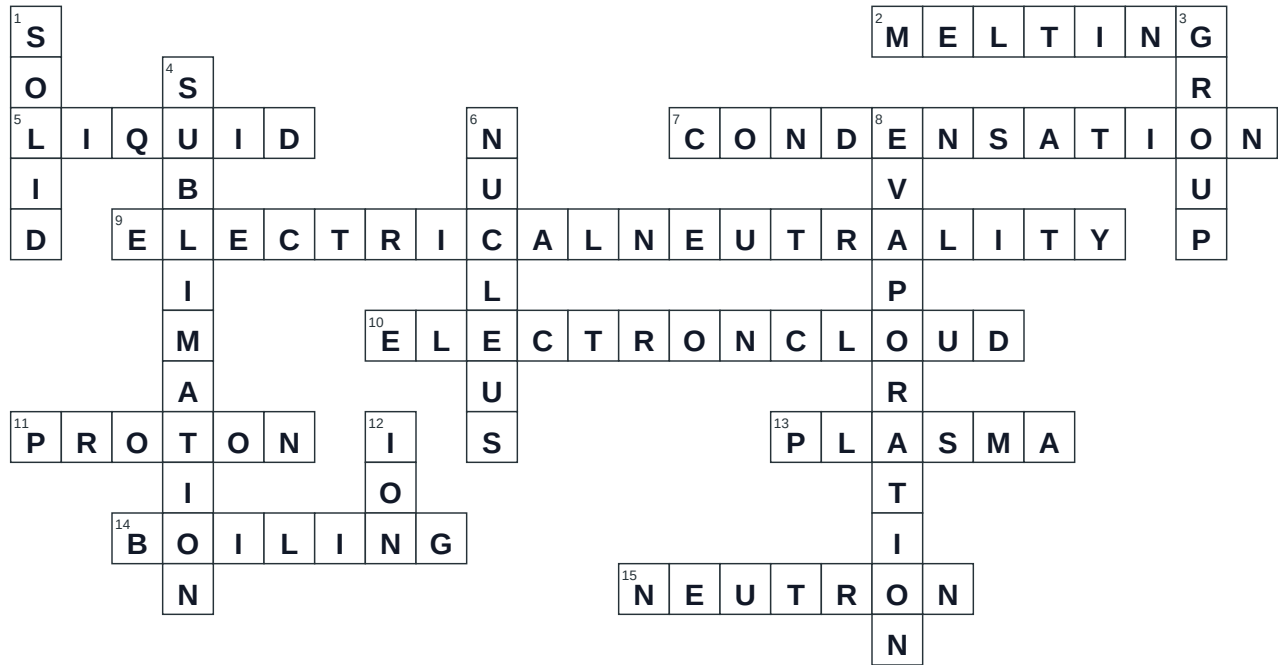
1. State generally has a fixed volume and a fixed shape
3. Definition of a vertical column of the periodic table called
4. Phase change in which a solid becomes a gas without becoming liquid first
6. Membrane-bound organelle that contains most eukaryotic DNA.
8. Change from liquid water to water vapor at a surface
12. Atom or group of atoms with a net electric charge.

States of Matter Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Melting
5. Liquid
7. Condensation
9. Electrical neutrality
10. Electron Cloud
11. Proton
13. Plasma
14. Boiling

ACROSS (continued)

15. Neutron

DOWN

1. Solid
3. Group
4. Sublimation
6. Nucleus
8. Evaporation
12. Ion

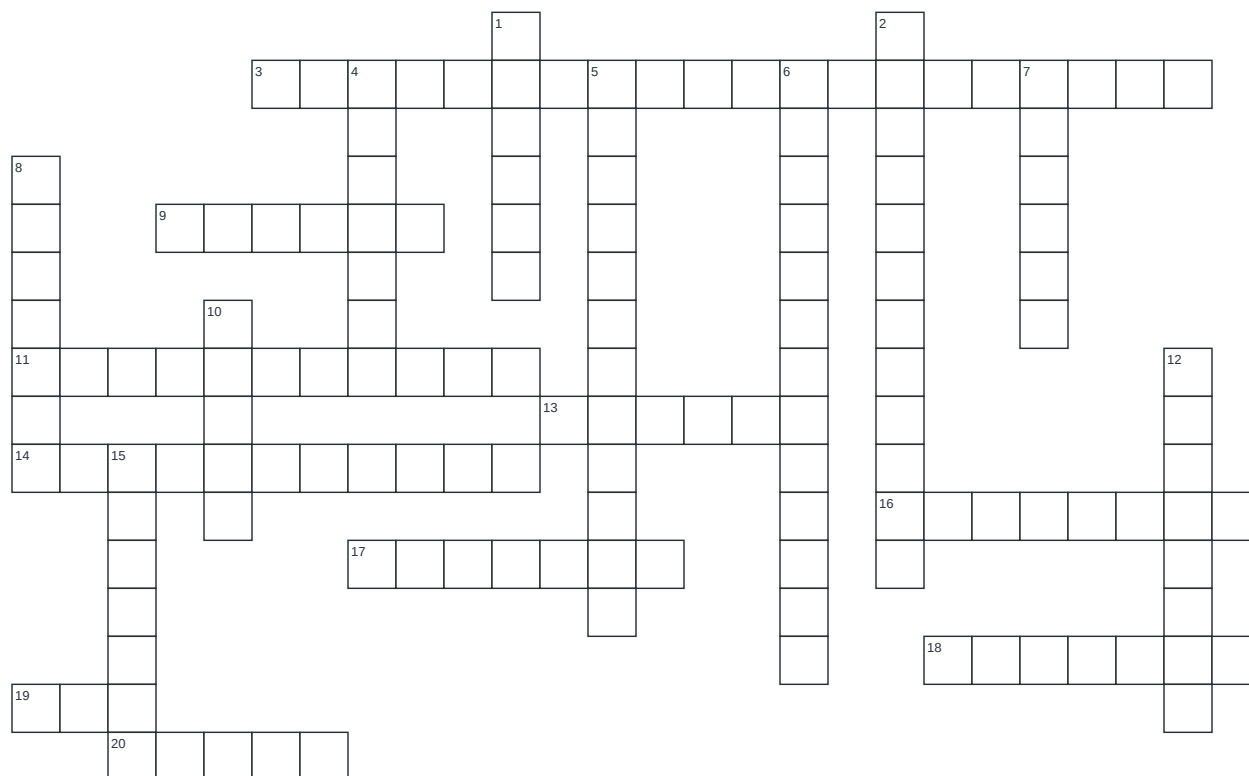
States of Matter Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

3. Condition in which positive and negative charges balance.
9. A state with substantial ionization and mobile charged particles
11. Change from liquid water to water vapor at a surface
13. Element that forms the backbone of most organic molecules
14. Phase change in which a solid becomes a gas without becoming liquid first
16. Definition of a beta-minus particle emitted in nuclear decay
17. Subatomic particle that has no electric charge
18. Phase change in which a solid becomes a liquid
19. Atom or group of atoms with a net electric charge.
20. Definition of a vertical column of the periodic table called

DOWN

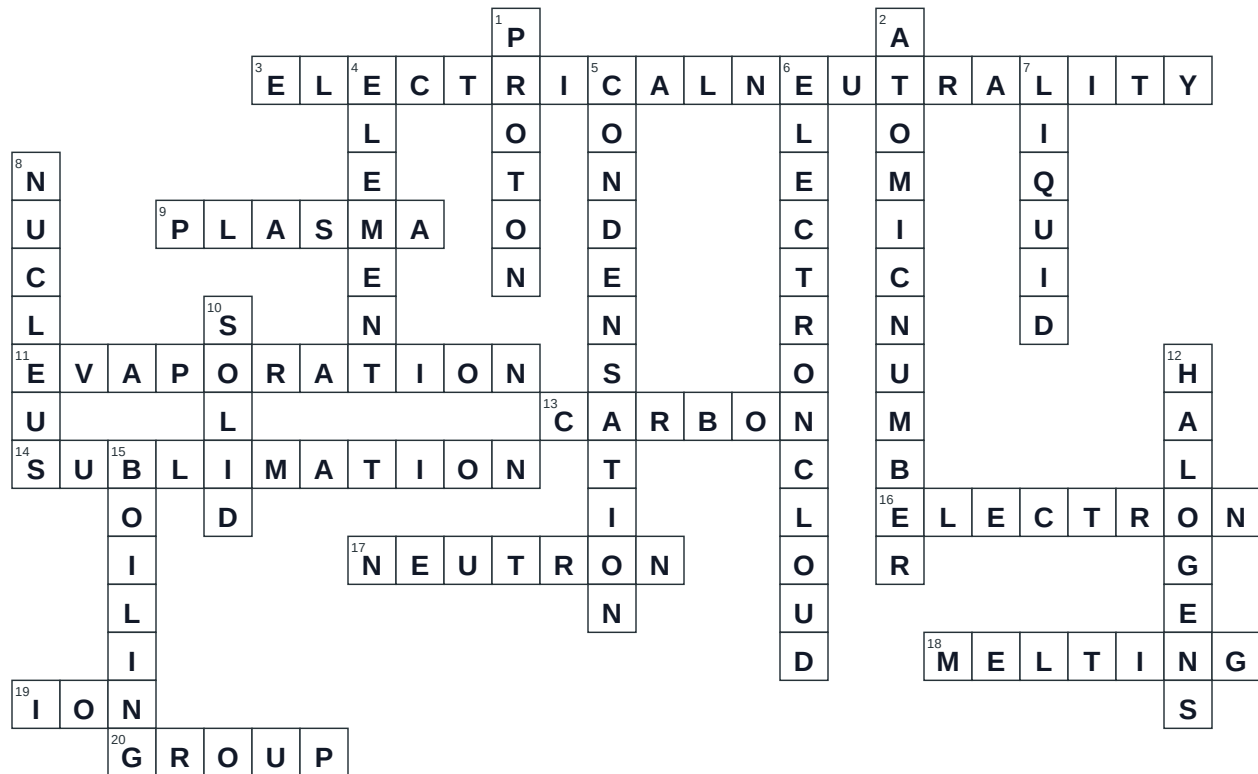
1. Subatomic particle that carries a positive electric charge
2. Number of protons in an atom's nucleus.
4. Pure substance made of only one type of atom.
5. Phase change in which a gas becomes a liquid
6. Electron locations are described by regions of probability
7. State generally has a fixed volume but takes the shape of its container
8. Membrane-bound organelle that contains most eukaryotic DNA.
10. State generally has a fixed volume and a fixed shape
12. Group that includes fluorine, chlorine, and bromine
15. process forms vapor bubbles throughout the liquid under suitable conditions

States of Matter Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

3. Electrical neutrality
9. Plasma
11. Evaporation
13. Carbon
14. Sublimation
16. Electron
17. Neutron
18. Melting
19. Ion
20. Group

DOWN

1. Proton
2. Atomic number
4. Element
5. Condensation
6. Electron Cloud
7. Liquid
8. Nucleus
10. Solid
12. Halogens
15. Boiling