

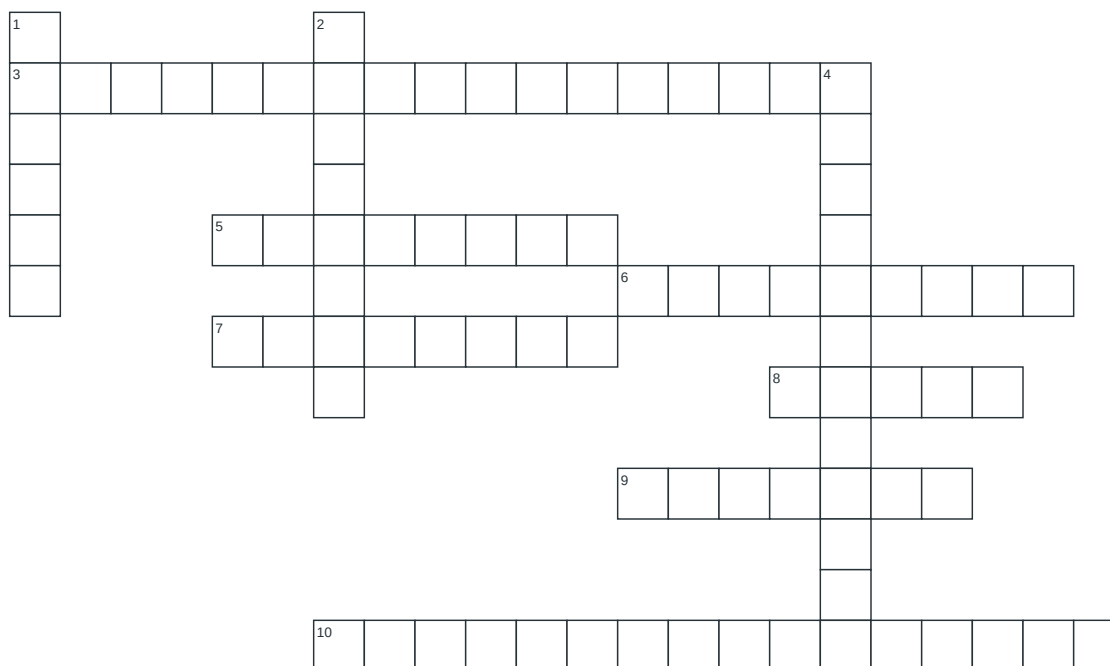
Reaction Rates Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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

**ACROSS**

3. A substance that reduces a reaction's rate
5. A substance that speeds a reaction without being consumed overall
6. Substances present before and consumed in a reaction
7. Substances formed by a chemical reaction
8. State generally has a fixed volume and a fixed shape
9. Subatomic particle that has no electric charge

ACROSS (continued)

10. The energy barrier for a reaction pathway

DOWN

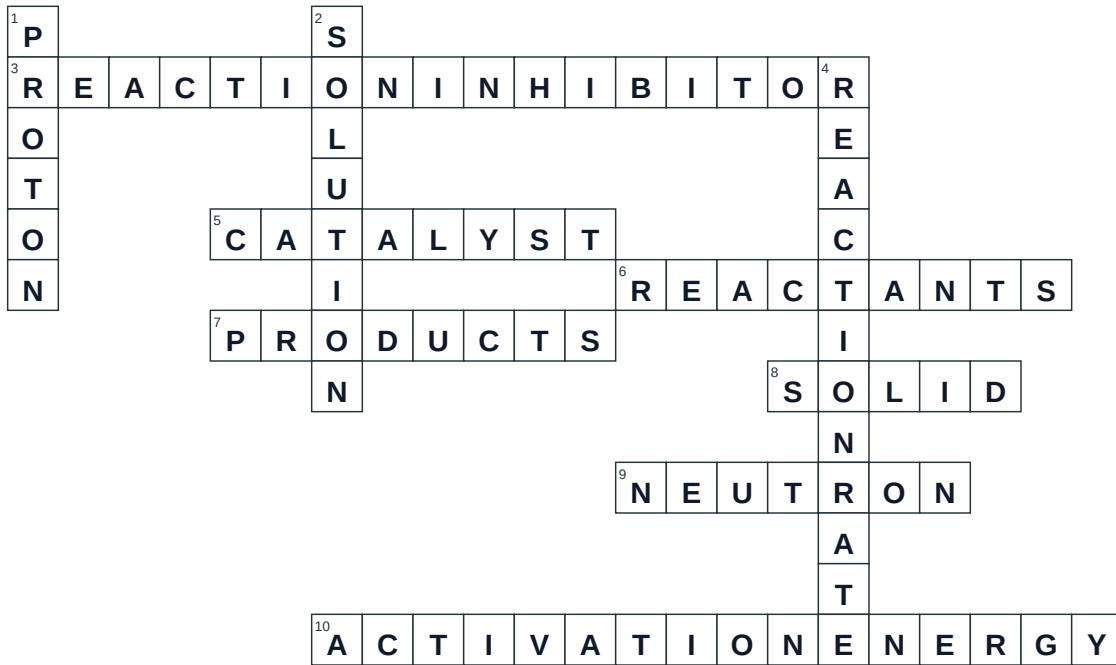
1. Subatomic particle that carries a positive electric charge
2. Homogeneous mixture in which a solute is dispersed in a solvent.
4. Change in concentration per unit time

Reaction Rates Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

- 3. Reaction Inhibitor
- 5. Catalyst
- 6. Reactants
- 7. Products
- 8. Solid
- 9. Neutron

ACROSS (continued)

- 10. Activation Energy

DOWN

- 1. Proton
- 2. Solution
- 4. Reaction Rate

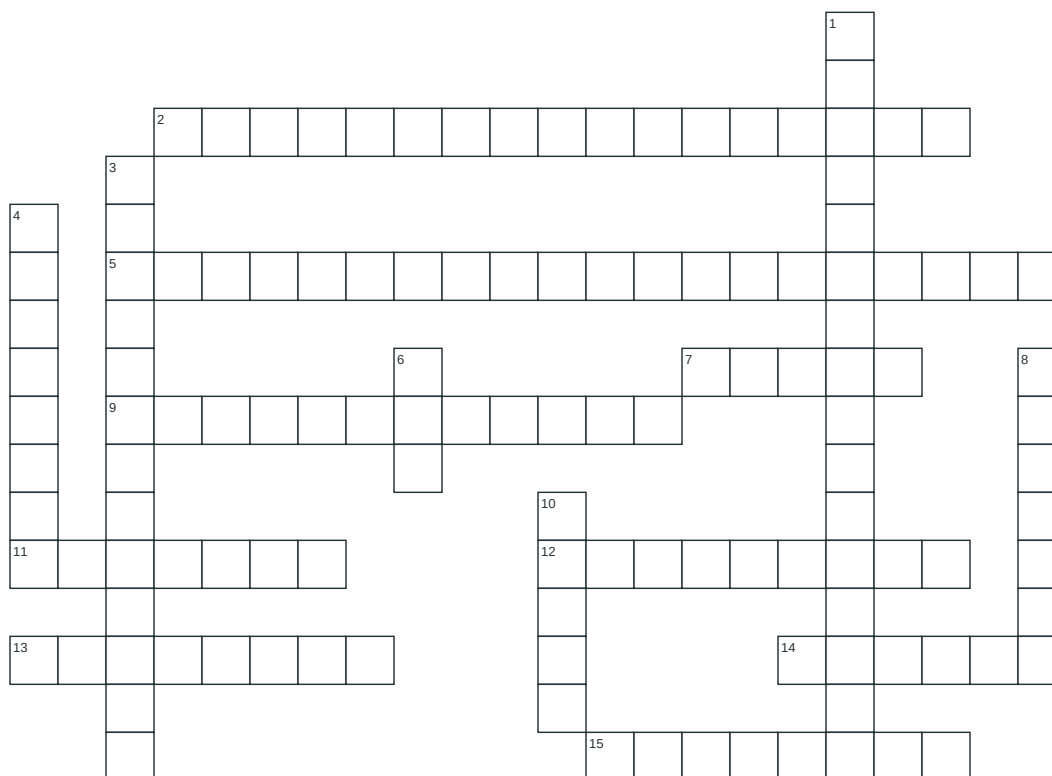
Reaction Rates Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

2. A substance that reduces a reaction's rate
5. Condition in which positive and negative charges balance.
7. State generally has a fixed volume and a fixed shape
9. Change in concentration per unit time
11. Membrane-bound organelle that contains most eukaryotic DNA.
12. Substances present before and consumed in a reaction
13. Substances formed by a chemical reaction
14. Subatomic particle that carries a positive electric charge

ACROSS (continued)

15. A substance that speeds a reaction without being consumed overall

DOWN

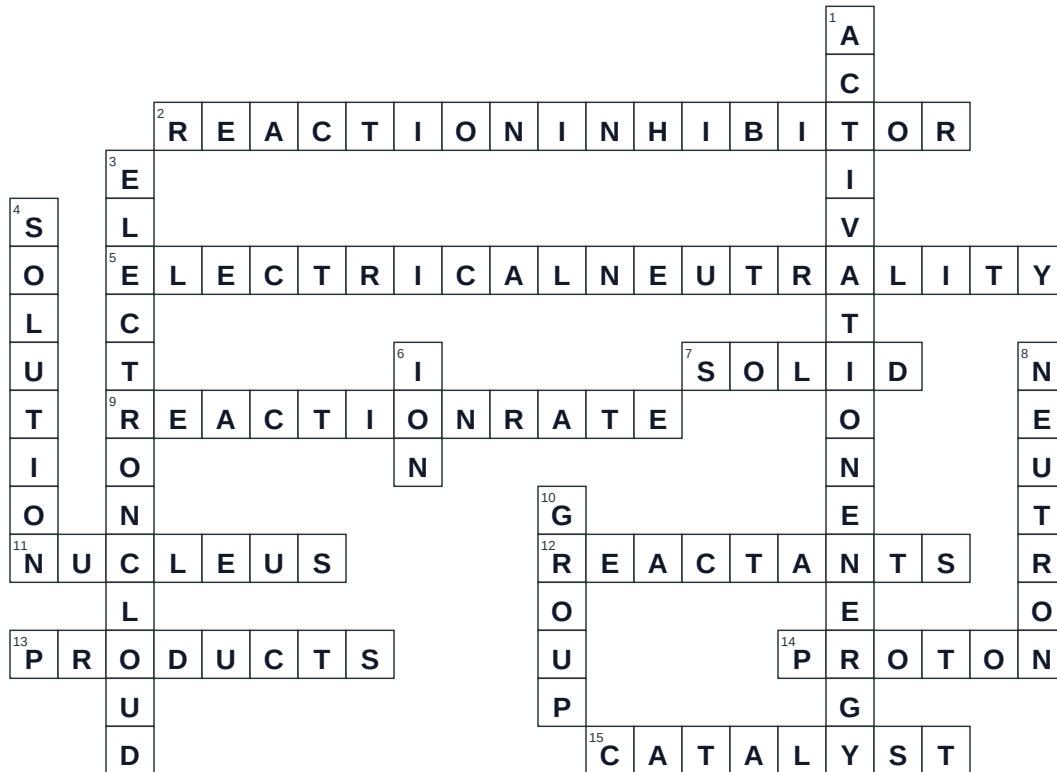
1. The energy barrier for a reaction pathway
3. Electron locations are described by regions of probability
4. Homogeneous mixture in which a solute is dispersed in a solvent.
6. Atom or group of atoms with a net electric charge.
8. Subatomic particle that has no electric charge
10. Definition of a vertical column of the periodic table called

Reaction Rates 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. Reaction Inhibitor
5. Electrical neutrality
7. Solid
9. Reaction Rate
11. Nucleus
12. Reactants
13. Products
14. Proton

ACROSS (continued)

15. Catalyst
- DOWN**
1. Activation Energy
 3. Electron Cloud
 4. Solution
 6. Ion
 8. Neutron
 10. Group

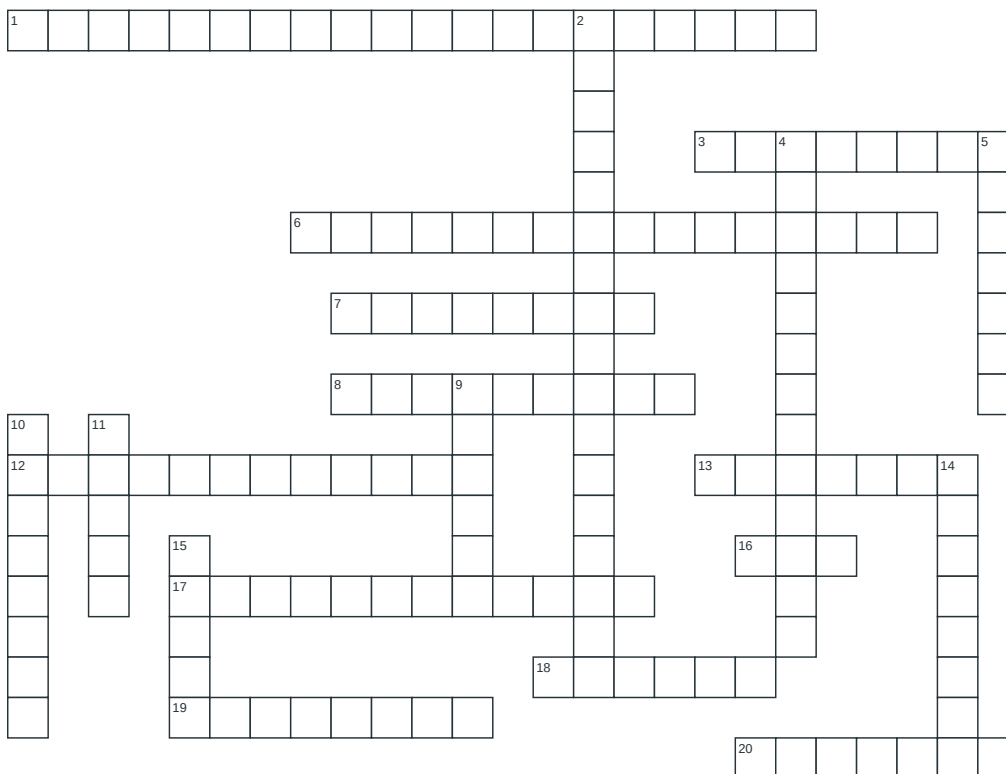
Reaction Rates Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. Condition in which positive and negative charges balance.
3. Definition of a beta-minus particle emitted in nuclear decay
6. The energy barrier for a reaction pathway
7. Group that includes fluorine, chlorine, and bromine
8. Substances present before and consumed in a reaction
12. Number of protons in an atom's nucleus.
13. Membrane-bound organelle that contains most eukaryotic DNA.
16. Atom or group of atoms with a net electric charge.
17. Change in concentration per unit time
18. Subatomic particle that carries a positive electric charge
19. Substances formed by a chemical reaction

ACROSS (continued)

20. Pure substance made of only one type of atom.

DOWN

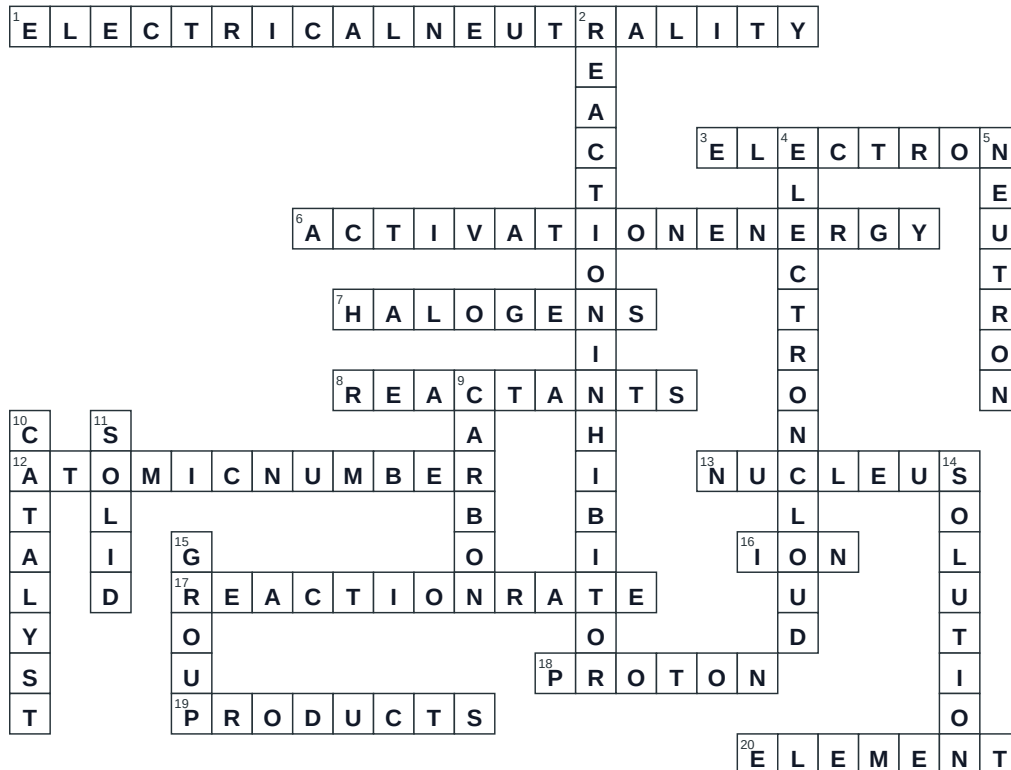
2. A substance that reduces a reaction's rate
4. Electron locations are described by regions of probability
5. Subatomic particle that has no electric charge
9. Element that forms the backbone of most organic molecules
10. A substance that speeds a reaction without being consumed overall
11. State generally has a fixed volume and a fixed shape
14. Homogeneous mixture in which a solute is dispersed in a solvent.
15. Definition of a vertical column of the periodic table called

Reaction Rates Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Electrical neutrality
3. Electron
6. Activation Energy
7. Halogens
8. Reactants
12. Atomic number
13. Nucleus
16. Ion
17. Reaction Rate
18. Proton
19. Products

ACROSS (continued)

20. Element
- ### DOWN
2. Reaction Inhibitor
 4. Electron Cloud
 5. Neutron
 9. Carbon
 10. Catalyst
 11. Solid
 14. Solution
 15. Group