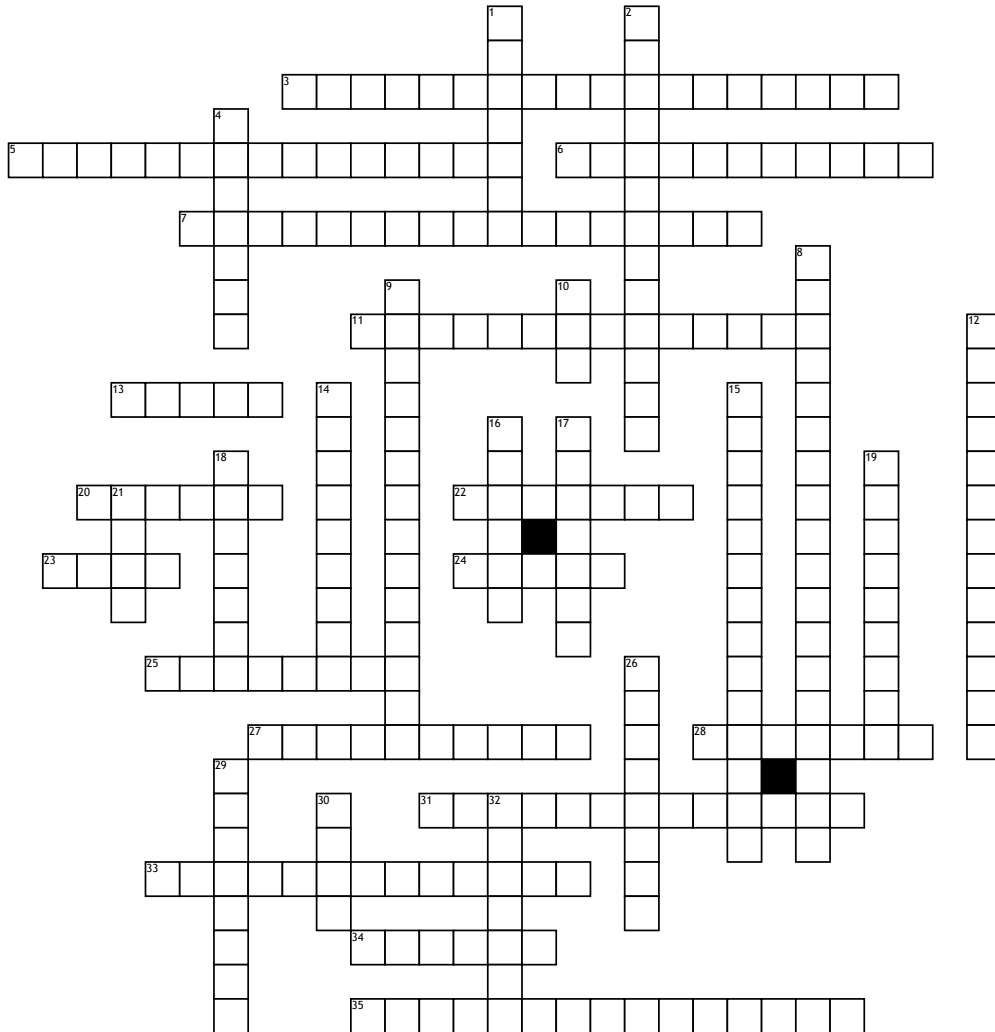


Name: _____

Date: _____

Physical Science Review



Across

- 3. characteristics of a substance you can see
- 5. this circuit has more than one path for electricity to flow
- 6. an incomplete circuit where the flow of electricity is not constant
- 7. A natural buildup of electric charges on an object
- 11. change that does not result in a new substance
- 13. What you feel when electric charges flow through you
- 20. a state of matter similar to water
- 22. when a liquid turns into a gas
- 23. The smallest particle of an element
- 24. state of matter similar to ice
- 25. this particle has a negative charge in an atom
- 27. when a gas turns into a liquid

28. This is used to power an electromagnet

- 31. magnet that has coils of current carrying wire around an iron core
- 33. A space in which an electric force acts
- 34. Solid, liquid, and gas are states of _____
- 35. A closed path that electricity can follow

Down

- 1. a common type of insulator
- 2. a complete circuit where the flow of electricity is constant
- 4. this particle has no charge in an atom
- 8. characteristics that involve how a substance interacts with other substances
- 9. a change that results in a new substance
- 10. state of matter similar to steam

12. This circuit has only one path for electricity to follow

- 14. This material resists the flow of electricity
- 15. These can be positive or negative
- 16. this particle has a positive charge in an atom
- 17. when a solid turns into a liquid
- 18. a combination of two or more substances that can be separated
- 19. This is a material that easily allows electricity to pass through
- 21. A common type of conductor
- 26. A substance made of two or more elements that have been combined
- 29. when a liquid turns into a solid
- 30. used to provide a path for electricity to follow in an electromagnet
- 32. substance that is made of only one type of atom

Word Bank

- | | | | | | |
|---------------------|--------------------|--------------|-----------------|------------------|------------------|
| physical change | solid | insulator | chemical change | electron | electric circuit |
| gas | static electricity | element | wire | series circuit | condensing |
| neutron | boiling | matter | shock | parallel circuit | electric charge |
| physical properties | plastic | atom | liquid | freezing | closed circuit |
| chemical properties | battery | open circuit | mixture | compound | electromagnet |
| iron | melting | conductor | proton | electric field | |