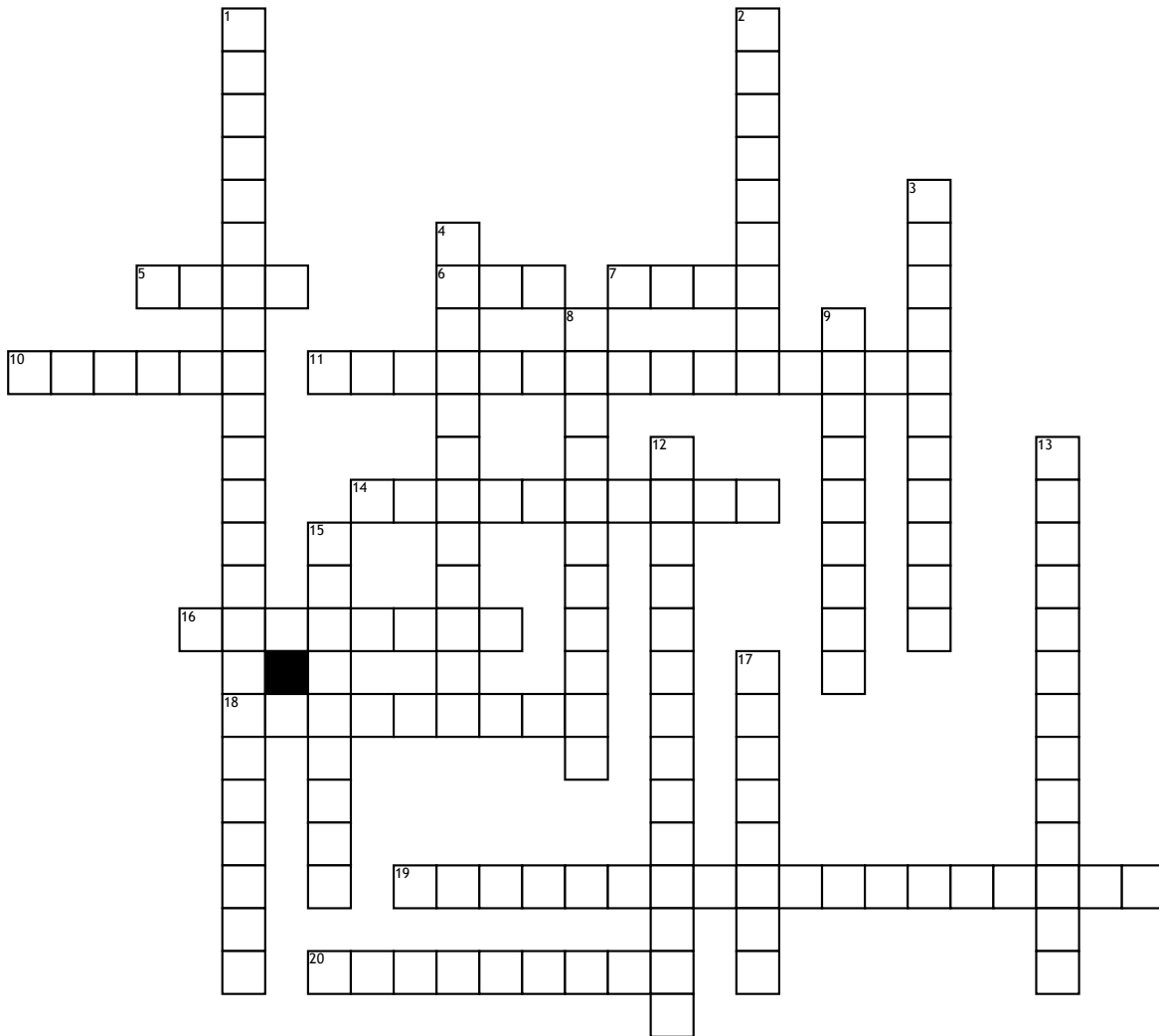


Name: _____

Electricity



Across

- 5. is a unit that measures how much electric energy is being used in one second.
- 6. is a unit that measures the resistance of an electric current.
- 7. is the unit that measures the pressure or force that pushes electric current forward through a conductor
- 10. is the unit that measures the strength of an electric current.
- 11. is the flow of electricity along a conductor.
- 14. Each modality produces a different effect on the skin.
- 16. is 1,000 watts.
- 18. is an apparatus that changes direct current to alternating current.

- 19. is produced by mechanical means and changes directions 60 times per second.
- 20. is an applicator for directing electric current from an electrotherapy device to the client's skin.

Down

- 1. is the path of negative and positive electric currents moving from the generating source through the conductors and back to the generating source.
- 2. is any material that conducts electricity.
- 3. is the movement of particles around an atom that creates pure energy.
- 4. is a material that does not transmit electricity.

- 8. The current used for facial and scalp treatments is measured in milliamperes; an ampere current would be much too strong.
- 9. is an apparatus that changes alternating current (AC) to direct current (DC).
- 12. is a switch that automatically interrupts or shuts off an electric circuit at the first indication of an overload.
- 13. DC, is a constant, even-flowing current that travels in one direction only and is produced by chemical means.
- 15. completes an electric circuit and carries the current safely away.
- 17. is the negative or positive pole of an electric current.