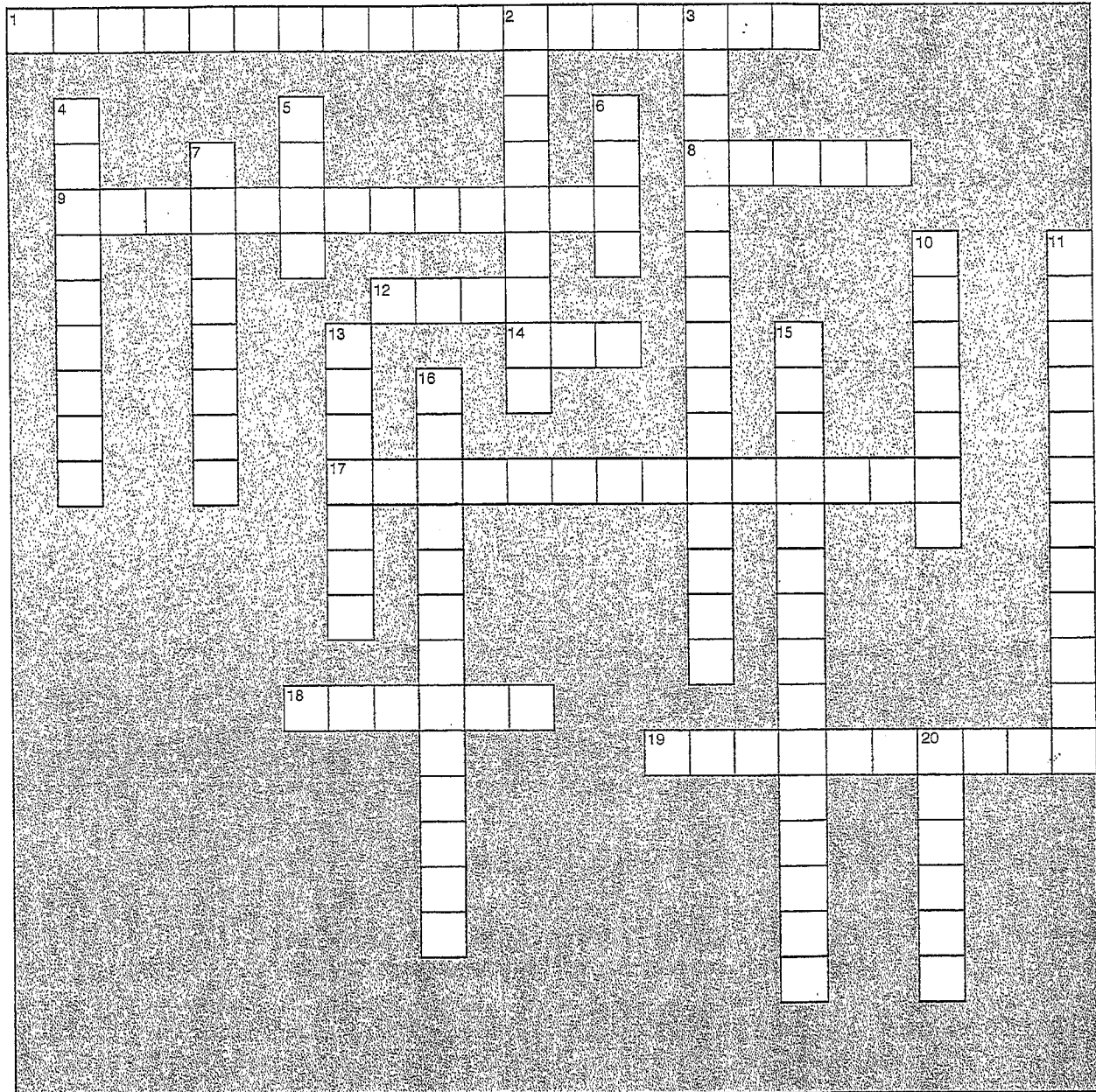


Name _____ Date _____

ELECTRICITY CROSSWORD PUZZLE

Use the clues on page 71 to complete the crossword puzzle below. Answers may be found in the previous pages on electricity or other source books with electrical information.



Name _____

Date _____

ELECTRICITY CROSSWORD PUZZLE CLUES

Use these clues to complete the crossword puzzle on page 70.

ACROSS

1. Refers to electric current when electrons flow in one direction and then flow in the opposite direction in the wire (two words)
8. The change from negative to positive and from positive to negative in an alternating current
9. An electric circuit where electrons must follow one path (two words)
12. The speed with which electrons travel past a given point. The symbol is V .
14. Measures the amount of resistance that limits the flow of current. The symbol is Ω .
17. Works like a fuse to keep the electrical system from becoming overloaded (two words)
18. A lightning rod is an example. It is used to let electricity travel into the earth.
19. The symbol for it is R .

DOWN

2. Copper is an example because electric charges move through it easily.
3. Refers to the flow of electrons through a wire (two words)
4. Materials like wood and paper that electrons cannot easily move through
5. It is used to prevent overloading of an electric circuit.
6. A unit of electrical power; determined by multiplying volts times amperes
7. Equals 1,000 watts
10. It is used to store potential electrical energy. In an automobile, they are 6 or 12 volt.
11. An instrument that shows temperature by changing heat energy into electric energy
13. A battery with a paste-like mixture of chemicals (two words)
15. An electric circuit where electrons may follow more than one path (two words)
16. Refers to electric current when electrons always flow in the same direction in the wire (two words)
20. Unit of measure that determines the flow of electrons past a certain point in a given period of time; the symbol is A .