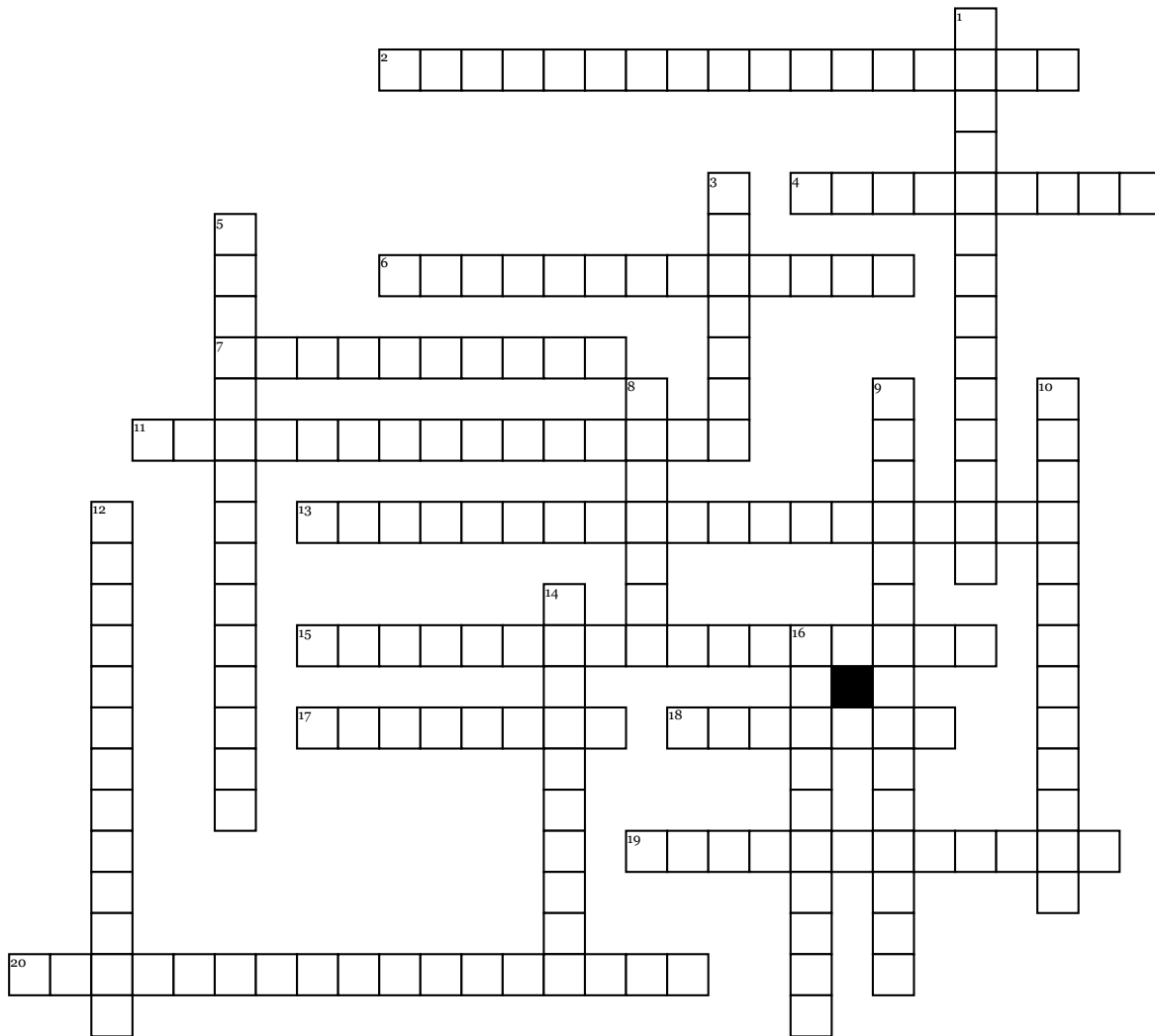


Electricity And Magnetism



Across

- 2.** Process of transferring charge between objects by touching or rubbing.
4. Interactions of magnets.
6. A string of Christmas Lights.
7. Mercury, Graphite, and Concrete.
11. Circuit inside a washing machine.
13. Process of rearranging electrons on a neutral object by bringing a charged object close to it.

- 15.** Lightning strike.

- 17.** Produces a magnetic field when a current passes through it.

- 18.** $V=IR$

- 19.** An instrument used for detecting electric currents.

- 20.** Measured in Volts.

Down

- 1.** A region in which the magnetic fields of atoms are grouped together and aligned.

- 3.** A path that electricity flows along.

- 5.** Measured in Amperes.

- 8.** Used by power plants to produce energy by burning coal or natural gas.

- 9.** Measured in watts.

- 10.** Earth's North and South geographic poles.

- 12.** When metals such as iron and nickel fall inside a strong enough _____, they become temporarily magnetic.

- 14.** Measures in Ohms.

- 16.** Asphalt, Porcelain, and Diamond.