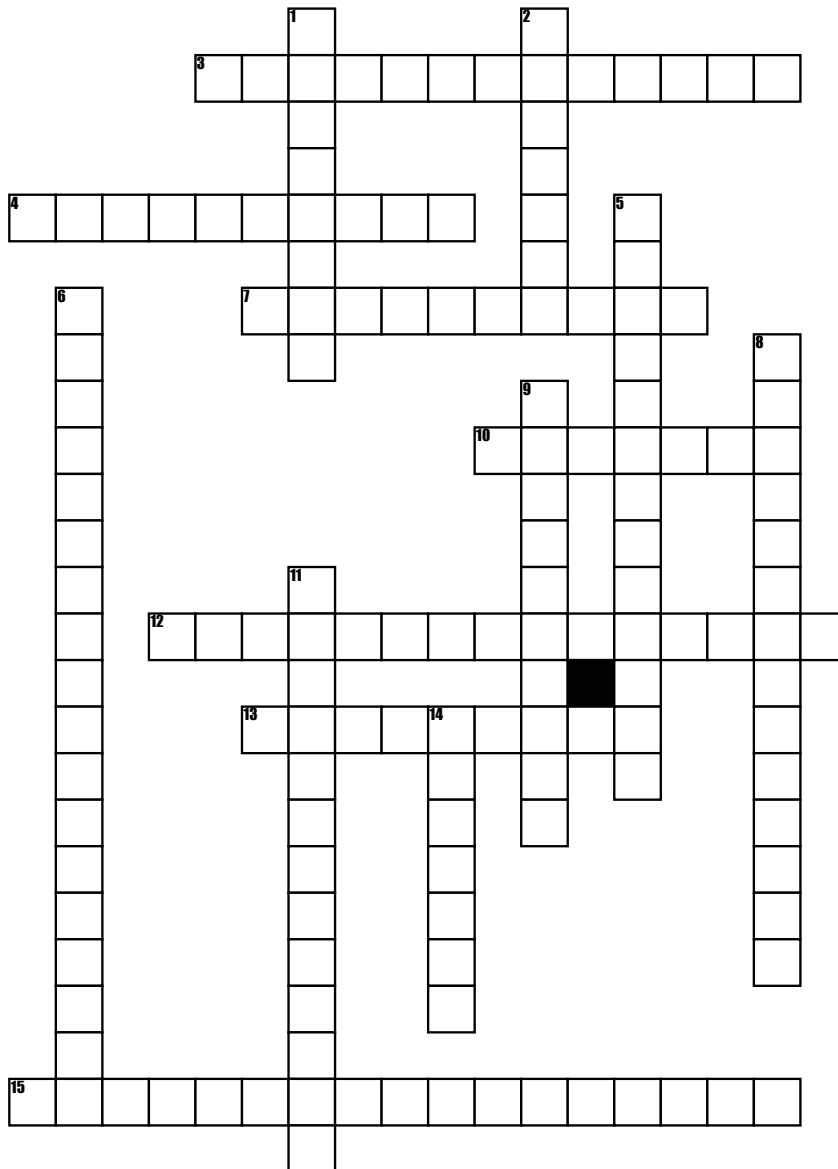


Electricity and Magnetism



Across

- 3.** A Circuit, if one bulb goes out the rest do too
- 4.** Material that doesn't allow electric current to flow easily, such as plastic or rubber
- 7.** Materials with low resistance and allow electricity to flow easily, such as metals
- 10.** Potential energy per unit charge
- 12.** A circuit, if one bulb goes out the rest stay on

Down

- 1.** "Rubbing off" of electrons from one object to another
- 2.** A System of electrical conductors and components that complete a closed circuit
- 5.** When electrons continuously flow from a negatively charged source to a positively charged destination
- 13.** Rearrangement of electrons
- 15.** Build up of positive and negative charges, single time discharge, not flowing

- 6.** When the current changes directions at regular intervals
- 8.** Property of matter, described as positive or negative
- 9.** Transfer of electrons through direct contact
- 11.** Has north and south poles, opposites attract
- 14.** The continuous flow of electric charges