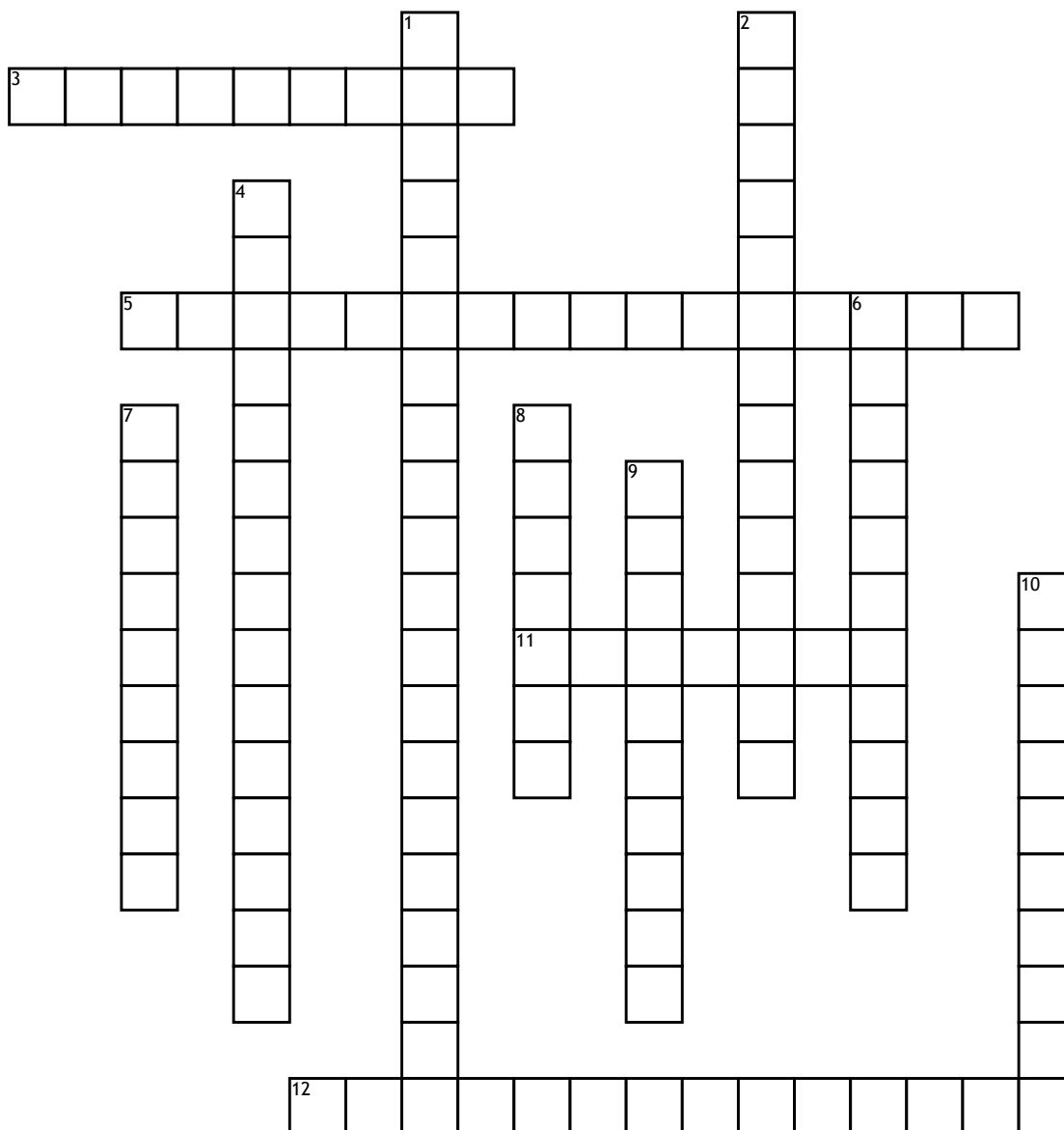


Electrostatics



Across

3. Charging of an object without direct conduct.
 5. The protons in the nucleus attract the electrons and hold them in orbit.
 11. The SI unit of charge.
 12. Electricity at rest

Down

1. The Principle that electrons are neither created nor destroyed but are simply transferred from one material to another.
 2. Materials that are made to behave as conductors or insulators
 4. One side of an atom or molecule is induced to be slightly more positive or negative than the opposite side.
 6. The relationship among electrical force, charges, and distance and discovered by French Physicist, Charles Coulomb.
 7. Charges move off or onto a conductor by touching.
 8. Charges on two spheres that have been redistributed.
 9. Poor conductors of electricity and heat.
 10. Materials through which electric charge can flow.