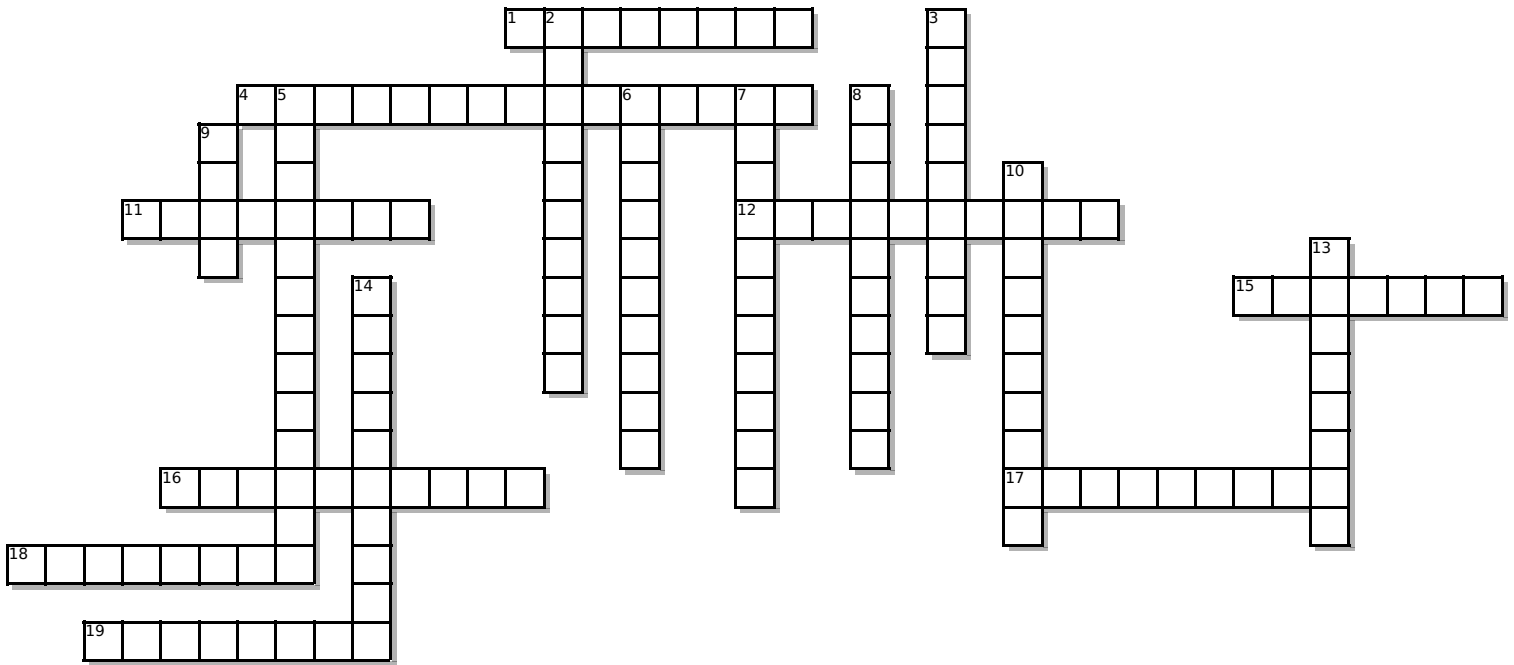


More Electricity



ACROSS

- 1 Electric force is ___ proportional to the size of the charges affecting each other.
- 4 These substances are frequently used in electronic components.
- 11 Current intensity is ___ proportional to potential difference in a circuit.
- 12 Substances that don't allow electricity to flow through them.
- 15 He was a scientist who derived a mathematical relationship between electric force and the factors that influence it.
- 16 Current intensity is ___ proportional to resistance in a circuit.
- 17 ___ conductors are used in technologies involving the production of heat or light.
- 18 This alloy is used to make heating elements.
- 19 The resistance of a conducting wire is ___ proportional to the length of the wire.

DOWN

- 2 The resistance of a conducting wire is ___ proportional to the cross-sectional area of the wire.
- 3 What happens to the force between charges if the distance between them is reduced.
- 5 The voltage of the power supply is often referred to as the ___ force.
- 6 Substances that allow electricity to flow through them.
- 7 The Greek letter rho is the symbol for this measurement.
- 8 Plastic and porcelain are examples.
- 9 The numerical reading on a voltmeter if it is connected to two points on a circuit if there is no component between the two points.
- 10 Aluminum and copper are examples.
- 13 This is used to make light bulb filaments.
- 14 Electric force is ___ proportional to the distance between charges affecting each other.

More Electricity

