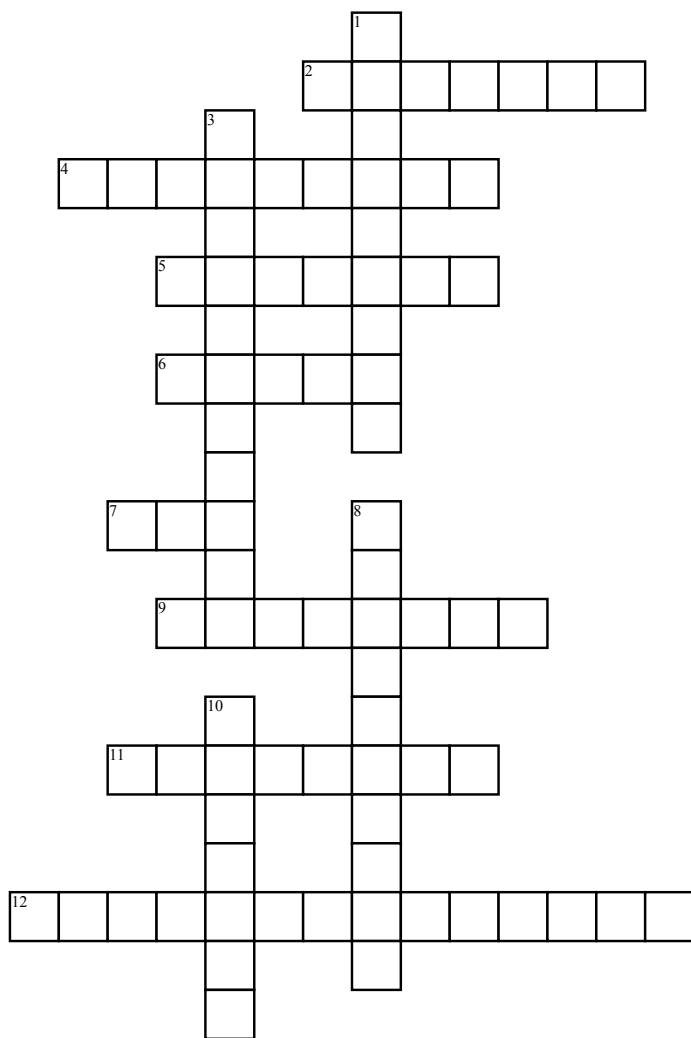


# Physics Chapter 19-21



## Across

2. SI unit of charge  
 4. A device that has the capacity to store both electric charge and electrical energy  
 5. a device that uses chemical reactions to produce a different in electric potential between its two terminals

6. A simple semiconductor device consisting of a p-type semiconductor joined to an n-type semiconductor  
 7. A charged atom  
 9. a small device used in electrical circuits to provide a particular resistance to current flow  
 11. A device used to measure resistance to the flow of current  
 12. a system consisting of a positive charge and a negative charge

## Down

1. A device used to measure voltage, or electrical potential energy difference  
 3. the ratio of the charge stored in a capacitor to the applied voltage  
 8. the opposition to current flow in a wire due to collisions between electrons and atoms  
 10. A device used to measure current in a circuit

## Word Bank

Electric Dipole  
 diode  
 Ion

Capacitance  
 Capacitor  
 Voltmeter

Resistance  
 Ammeter  
 Coulomb

Ohmmeter  
 Resistor  
 battery