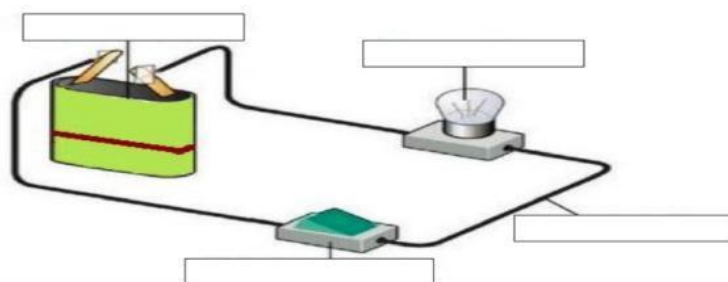


## ENERGY REVIEW

1. Material that conducts electricity
  - A. Diffraction
  - B. Insulator
  - C. Waves
  - D. Conductor
2. White light can be separated into different colors
  - A. Dispersion
  - B. Reflection
  - C. Refraction
  - D. Colors
3. It produces light in the electric circuit
  - A. Battery
  - B. Lightbulb
  - C. Waves
  - D. Frequency
4. It is how fast or slow a sound wave moves
  - A. Frequency
  - B. Intensity
  - C. Convection
  - D. Dispersion
5. Sound and light travel in
  - A. Waves
  - B. Lightbulb
  - C. Temperature
  - D. Frequency
6. It is made by vibrating objects
  - A. Battery
  - B. Light
  - C. Sound
  - D. Heat
7. It happens when light bends or changes the direction
  - A. Reflexion
  - B. Refraction
  - C. Dispersion
  - D. Convection
8. It is the source of energy in the electric circuit
  - A. Battery
  - B. Wire
  - C. Switch
  - D. Lightbulb
9. It is measured with a thermometer and in units of Celsius or Fahrenheit
  - A. Intensity
  - B. Temperature
  - C. Sound
  - D. Light
10. Property of sound that indicates volume or amount of energy
  - A. Sound
  - B. Temperature
  - C. Intensity
  - D. Frequency
11. Material that serves to protect against electric current
  - A. Conductor
  - B. Insulator
  - C. Metal
  - D. Paper
12. Part of a circuit that allows the passage of electric current
  - A. Switch
  - B. Battery
  - C. Lightbulb
  - D. Wire

Write in the boxes the names of the parts of an electrical circuit



Relate each part of the circuit to its function

|                                                                                      |                                      |
|--------------------------------------------------------------------------------------|--------------------------------------|
|     | Supply the energy                    |
| 1.  | Flow electric current                |
| 2.  | Connect or break an electric circuit |
| 3.  | Produces light                       |

Select the property of light that each image represents

|                                                                                              |                                                                                              |                                                                                                |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>_____  | <br>_____  | <br>_____  |
| <br>_____ | <br>_____ | <br>_____ |

Read each statement and write true or false.

- ( ) Sound has properties such as reflection and refraction.
- ( ) Light can be separated into its components through a prism.
- ( ) Heat is transferred from an object of lower temperature to one of higher temperature.
- ( ) Energy is the ability to produce a change or do work.
- ( ) Potential energy is transformed into kinetic energy when you kick a ball.
- ( ) Musical instruments are examples of light energy.
- ( ) Heat travels from your hand to a hot pan.
- ( ) Celsius is a measure of sound energy.
- ( ) The sun's energy is called radiation.
- ( ) When thermal energy is transferred to an object, it is called conduction.