

## 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 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

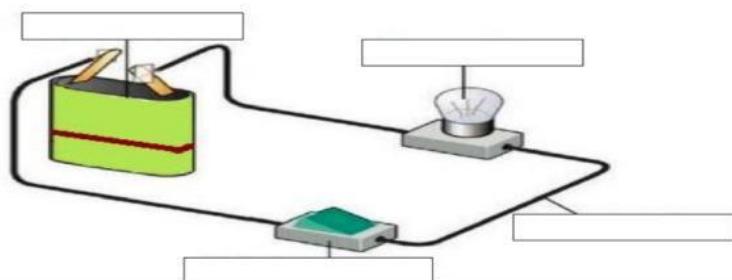
9. It is measured with a thermometer and in units of Celsius or Fahrenheit  
A. Intensity  
B. Temperature  
C. Sound  
D. Light

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



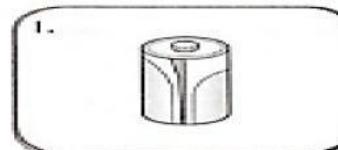


Relate each part of the circuit to its function



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Supply the energy



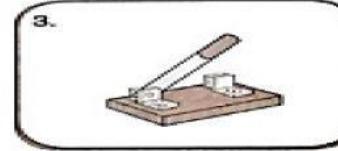
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Flow electric current



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Connect or break an electric circuit



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Produces light



Select the property of light that each image represents



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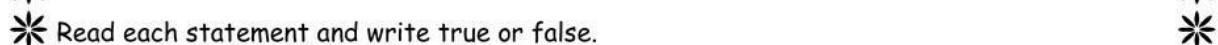
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Read each statement and write true or false.

- ( ) 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.

