

I. CHOOSE THE RIGHT OPTION.

1. **Frequency/wavelength** is the number of waves that pass a point in a certain amount of time.
2. **Absorption /refraction** occurs when an object takes in a light wave.
3. **Prism/Rainbow** is a piece of glass that separates white light into its different wavelengths.
4. **Pitch/Frequency** is how high or low a sound is.

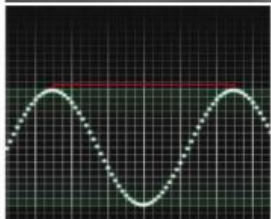
II. MATCH THE PICTURES WITH THE WORDS: LIGHT ENERGY – WAVELENGTH - REFRACTION – SOUND ENERGY.



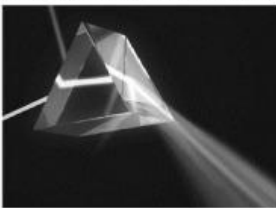
LIGHT ENERGY



WAVELENGTH



REFRACTION



SOUND ENERGY

III. CHOOSE TRUE OR FALSE.

- | | |
|---|--------------|
| 1. Sound energy is formed by vibrating objects. | TRUE - FALSE |
| 2. Sound cannot travel through water. | TRUE - FALSE |
| 3. Sound cannot travel through an empty space. | TRUE - FALSE |

IV. COMPLETE THE SENTENCES WITH THE CORRECT OPTION.

CONVECTION - RADIATION - CONDUCTION

Thermal energy is transferred in these examples:

1.



2.



3.



V. CHOOSE THE CORRECT OPTION.

A washing machine is an example of transforming:

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|------------------------------------|--|
| 1. Electricity into light. | 3. Motion energy into electric energy. |
| 2. Electricity into motion energy. | 4. Heat into motion energy. |

One example of a resistor is:

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|-----------------------|---------------|
| 1. A power cord | 3. A battery |
| 2. A parallel circuit | 4. A filament |

One example of a good conductor is:

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|-----------|-----------|
| 1. Rubber | 3. silver |
| 2. Chalk | 4. Glass |

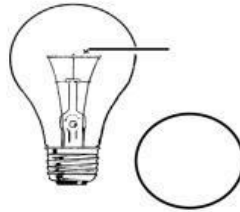
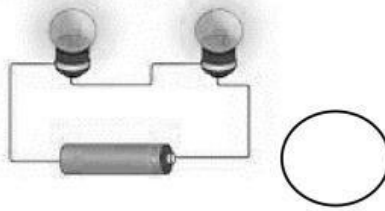
The wires that allow a toaster to become hotter are called:

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|----------------|---------------|
| 1. Plugs | 3. Insulators |
| 2. Light bulbs | 4. Coils |

VI. CHOOSE FOUR WORDS THAT INDICATE MOTION.

BOOK	TROLLEY	WINDOW
BALL	BOARD	BIKE
CART	CHAIR	ERASER

VII. MATCH EACH PICTURE WITH ITS NAME.



A) Series Circuit

B) Bulb Filament

C) Electric Bulb

D) Resistor

VIII. WRITE CONDUCTOR OR INSULATOR ACCORDING TO THE EXAMPLE.

1. A metal ruler
2. A marker
3. The trunk of a tree
4. A silver coin

5. CHOOSE TWO PICTURES SHOWING MOTION.

