



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 **Lightning** is a form of \_\_\_\_\_ energy.

- A potential
- B mechanical
- C electrical
- D chemical



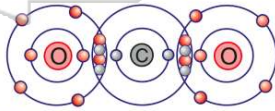
2 **Thermal energy** is energy related to \_\_\_\_\_. An example of thermal energy is **geothermal energy**.

- A space
- B chemicals
- C sound
- D heat



3 \_\_\_\_\_ is **energy stored in the bonds between atoms of molecules**. It's the bonding energy that holds these particles together.

- A Mechanical energy
- B Chemical energy



4 **Mechanical energy** is the energy an object has due to its \_\_\_\_\_.

- A weight
- B motion or position
- C size and shape
- D volume and density



5



## PREVIEW

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7

- A chemical
- B kinetic
- C radiant
- D sound



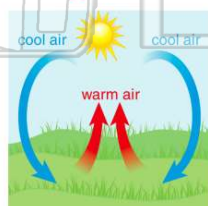
- A by convection
- B by radiation
- C by thermal reduction
- D by conduction



9

The **transfer of heat** from one area to another **through liquid or gas** occurs by \_\_\_\_\_.

- A convection
- B radiation
- C thermal reduction
- D conduction



10

**Radiation** is the transfer of heat through **electromagnetic waves**. Which is an example of **radiation**?

- A putting on a sweater
- B the Sun warming your face
- C turning a light on
- D lighting a match





## ANSWER KEY

**Lightning** is a form of \_\_\_\_\_ energy.

- A potential
- B mechanical
- C electrical
- D chemical



(C)

**Thermal energy** is energy related to \_\_\_\_\_. An example of thermal energy is **geothermal energy**.

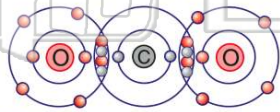
- A space
- B chemicals
- C sound
- D heat



(d)

\_\_\_\_\_ is **energy stored in the bonds between atoms of molecules**. It's the bonding energy that holds these particles together.

- A Mechanical energy
- B Chemical energy
- C Light energy
- D



(b)

**Mechanical energy** is the energy an object has due to its \_\_\_\_\_.

- A weight
- B motion or position
- C size and shape
- D volume and density



(b)



## PREVIEW

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- A
- B kinetic
- C radiant
- D sound

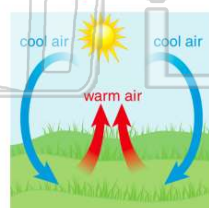


- A by convection
- B by radiation
- C by thermal reduction
- D by conduction



The **transfer of heat** from one area to another **through liquid or gas** occurs by \_\_\_\_\_.

- A convection
- B radiation
- C thermal reduction
- D conduction



(a)

**Radiation** is the transfer of heat through **electromagnetic waves**. Which is an example of **radiation**?

- A putting on a sweater
- B the Sun warming your face
- C turning a light on
- D lighting a match



(b)