



Name _____ Class _____ Date _____

1 **Chemical energy** in food gets changed into _____, which is what helps us move our arms, legs, and other body parts.

- A mechanical energy
- B light energy
- C sound energy
- D electrical energy



3 Which of the following is an example of someone **using electricity**?

- A boy running down hill
- B girl throwing a ball
- C boy turning on



2 _____ is the **energy of motion** used to do **work**.

- A Energy
- B Light energy
- C Heat energy
- D Mechanical energy



4 **Electrical energy** can change forms. When you turn on a light switch, electricity travels through the wires to a light bulb. **The light bulb then changes the electrical energy into _____ energy.**



5



PREVIEW

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7

- A because they grow in size
- B because they are cold
- C because they have energy
- D because they are frozen

- A causes them to disappear
- B causes them to stop moving
- C causes them to slow down
- D causes them to move faster

9

How does **thermal energy** move?

- A from hot matter to boiling matter
- B from boiling matter to frozen matter
- C from cooler matter to warmer matter
- D from warmer matter to cooler matter



10

If you place a cool object in a warm liquid, **thermal energy** will move from the warm liquid to the cool object. **What will happen when the object and the liquid become the same temperature?**

- A The flow of heat energy will go faster.
- B The flow of heat energy will be constant.
- C The flow of heat energy will stop.
- D The flow of heat energy will speed up.



ANSWER KEY

Chemical energy in food gets changed into _____, which is what helps us move our arms, legs, and other body parts.

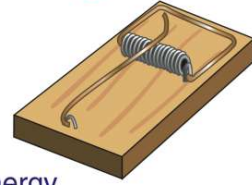
- A mechanical energy
- B light energy
- C sound energy
- D electrical energy



(a)

_____ is the **energy of motion** used to do **work**.

- A Energy
- B Light energy
- C Heat energy
- D Mechanical energy



(d)

Which of the following is an example of someone **using electricity**?

- A boy running down hill
- B girl throwing a ball
- C boy turning on his television
- D girl washing her hands



(c)

Electrical energy can change forms. When you turn on a light switch, electricity travels through the wires to a light bulb. **The light bulb then changes the electrical energy into _____ energy.**

- A sound
- B light
- C magnetic
- D electrical



(b)



PREVIEW

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- B because they are cold
- C because they have energy
- D because they are frozen

- B causes them to stop moving
- C causes them to slow down
- D causes them to move faster

How does **thermal energy** move?

- A from hot matter to boiling matter
- B from boiling matter to frozen matter
- C from cooler matter to warmer matter
- D from warmer matter to cooler matter



(d)

If you place a cool object in a warm liquid, **thermal energy** will move from the warm liquid to the cool object. **What will happen when the object and the liquid become the same temperature?**

- A The flow of heat energy will go faster.
- B The flow of heat energy will be constant.
- C The flow of heat energy will stop.
- D The flow of heat energy will speed up.

(c)