

Energy

Read each question and circle the correct answer.

1. Grass and plants get energy from

- A. the sun.
- B. eating food.
- C. windmills.
- D. electrons.

2. Energy that comes from the heat inside the Earth is called _____ energy.

- A. solar
- B. geothermal
- C. kinetic
- D. potential

3. Potential energy is

- A. energy that can be destroyed.
- B. energy that can be created.
- C. energy from electrons.
- D. energy that's stored.

4. A baseball that is moving through the air has _____ energy.

- A. potential
- B. kinetic

5. True or False: Energy can be created.

- A. True
- B. False

6. A bow and arrow that was just pulled back but not yet released has _____ energy.

A. potential

C. geothermal

B. electrical

D. nuclear

7. Which of the following releases chemical energy?

A. throwing a basketball

C. playing a song through headphones

B. a skier on top of a mountain

D. burning wood

8. When you're wearing a big sweater, what kind of energy is keeping you warm?

A. chemical energy

C. sound energy

B. thermal energy

D. kinetic energy

9. Nuclear energy could come from

A. kicking a soccer ball.

C. splitting atoms apart.

B. heat inside the Earth.

D. solar panels.

10. When you eat plants like lettuce, the energy that you get originally came from

A. a windmill.

C. the sun.

B. nuclear fusion.

D. a cow.