



Reinforcement

Energy Transformations

Directions: Fill in the blanks with the terms that best complete the statements.

1. In every energy transformation, some _____ is released.
2. When you climb a rope, you change _____ energy into _____ energy.
3. Energy can never be created or destroyed, just _____ or _____.
4. As temperature increases, _____ energy increases.
5. Fireworks change _____ into _____ and _____ energy.
6. When a pendulum swings, if it is not continuously pushed, it will stop eventually because some of its energy is changed into _____ energy.
7. In the muscle cells in your body, _____ energy is changed into _____ energy.

Directions: Answer the following questions on the lines provided.

8. Trace the energy transformations from a hamburger you eat to riding your bike.

9. In most forms of generation of electrical energy in power plants, the last two steps are the same. What are they?

10. Trace the energy transformations from a radio signal to the music you hear.

Meeting Individual Needs