

Name _____

The First Law of Thermodynamics: Energy Conservation Explained

Short Answer

1. Give an example from your daily life where the first law of thermodynamics is evident.
2. Explain in your own words how the first law of thermodynamics relates to the conservation of energy.
3. What are the different forms of energy mentioned in the reading passage, and how does the first law relate to their transformations?
4. How would our world be different if the first law of thermodynamics did not hold true?
5. Can you think of an invention or technology that relies on the principles of the first law of thermodynamics? Describe how it works.

