

Name _____

Springing into Action: Exploring Elastic Potential Energy

Short Answer

1. Explain the concept of elastic potential energy and provide an example.
2. How does the amount of deformation in a spring relate to the stored elastic potential energy?
3. Describe Hooke's Law and its significance in understanding elastic potential energy.
4. Give two examples of everyday objects or devices that rely on elastic potential energy.
5. Compare and contrast elastic potential energy with gravitational potential energy, highlighting their similarities and differences.

