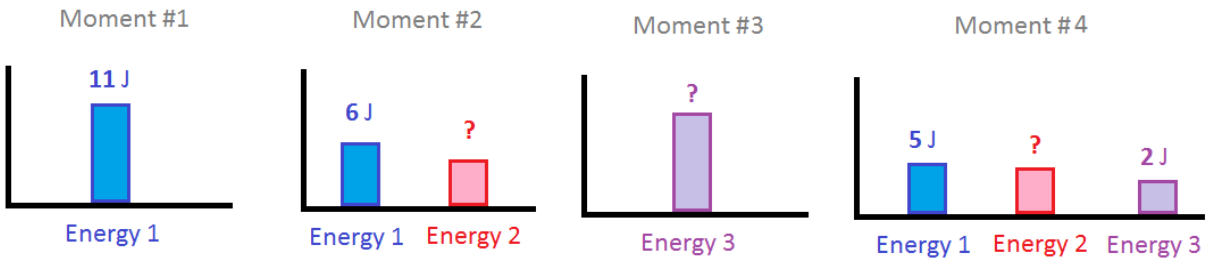
PhysicsIn5.com

(6.01) - Conservation of Energy Worksheet

1. The primary unit of measure for energy, in physics, is the _____.
    a. Pound
    b. Calorie
    c. Newton
    d. Joule
    e. Second

2. An object has a certain amount of Energy type-A. The law of conservation of energy states that:
    a. The amount of Energy-A will never change
    b. The amount of Energy-A must change
    c. The amount of Energy-A can change, so long as the total energy remains constant.
    d. The amount of Energy-A can change, so long as all of the present energies change in the same way.
    e. Impossible to answer without knowing how many energy types are present and the exact value of each energy type.

3. Use the law of conservation of energy to fill in the missing energy values below: