

Students should be able to:

1. State the conservation of energy law.
2. Identify the units for momentum, energy, work, and power.
  - Relate horsepower to watts.
3. Define work, energy, power, and efficiency.
  - Relate the above terms.
4. Solve problems in two dimensions with work/power.
5. Solve elastic and inelastic problems in two dimensions.
6. Relate energy and mass.
7. State the work-kinetic energy theorem.
8. Solve problems with the conservation of energy.
9. Explain "Newton's Cradle."