

Name: _____ Date: _____

Forces and Motion Matching

1. What "law" states that energy cannot be created or destroyed?
 2. The energy of light and other forms of radiation.
 3. Potential energy stored in the nucleus of an atom
 4. Process of changing one form of energy into another
 5. Energy that an object has due to its motion
 6. The ability to do work or cause change
 7. Energy that is stored and held in readiness
 8. Kinetic or potential energy associated with the motion or position of an object
 9. Total energy of particles in an object
 10. Potential energy stored in chemical bonds
 11. Energy of moving electric charges
- A. Nuclear energy
 - B. Kinetic energy
 - C. Potential energy
 - D. Electrical energy
 - E. Chemical energy
 - F. Electromagnetic energy
 - G. Thermal energy
 - H. Mechanical energy
 - I. Law of Conservation of Energy
 - J. Energy
 - K. Energy conversion