

- ____ 21. Energy stored in the core of an atom is called
- nuclear energy.
 - mechanical energy.
 - chemical energy.
 - electromagnetic energy.
- ____ 22. Fossil fuels contain energy that originally came from
- the sun.
 - tidal forces.
 - dinosaurs.
 - Earth's core.
- ____ 23. When you rub your hands together on a cold day, you use friction to convert
- nuclear energy into electrical energy.
 - thermal energy into nuclear energy.
 - electrical energy into electromagnetic energy.
 - mechanical energy into thermal energy.
- ____ 24. The ability to do work is called
- conversion.
 - velocity.
 - friction.
 - energy.
- ____ 25. The law of conservation of energy states that when one form of energy is converted into another,
- energy is created in the process.
 - no energy is destroyed in the process.
 - energy is destroyed in the process.
 - some amount of energy cannot be accounted for.
- ____ 26. Visible light is an example of
- electrical energy.
 - electromagnetic energy.
 - chemical energy.
 - nuclear energy.
- ____ 27. Potential energy that depends on height is called
- elastic potential energy.
 - kinetic energy.
 - mechanical energy.
 - gravitational potential energy.
- ____ 28. What type of conversion is taking place when natural gas is used to heat water?
- mechanical energy into electromagnetic energy
 - electromagnetic energy into chemical energy
 - chemical energy into thermal energy
 - thermal energy into mechanical energy
- ____ 29. Energy is measured in units called
- horsepower.
 - meters.
 - pounds.
 - joules.
- ____ 30. The total energy of the particles in an object is called
- chemical energy.
 - electrical energy.
 - thermal energy.
 - mechanical energy.