



Unit One:  
  
Energy!!!!

Jun 17-9:13 PM

EditCheckResetSolve?

Renewable		Nonrenewable	
Petroleum	Propane	Coal	Natural Gas
Geothermal	Hydropower	Wind	Biomass

Aug 27-9:42 AM

Energy Vocab

1.) Nonrenewable: a natural resource that is NOT replaced after it's been used.

2.) Renewable: a resource that's naturally replaced in a short time.

3.) Energy: The ability to cause, change, or do work.

4.) Mechanical Energy: Energy of an object due to its position, motion, or both.

5.) Electrical Energy: Energy of electrical charges as a result of their position or motion.

6.) Gravatational Potential Energy: Energy gained by an object as it's height above ground level increases.

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Energy Vocab

7.) Chemical Energy: Energy stored in the chemical bonds of molecules.

8.) Nuclear Energy: Energy that is released by either splitting atomic nuclei or by forcing the nuclei of atoms together.

9.) Radiant Energy: Energy in the form of electromagnetic waves (ex. light energy).

10.) Thermal Energy: Energy due to the vibration of molecules (ex. heat energy).

11.) Acoustic Energy: Energy that you can hear (ex. sound energy).

12.) Energy Transformation: A change in energy from one form to another.

Sep 27-2:48 PM

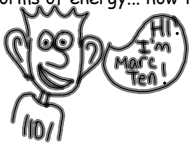
Energy Vocab

13.) Conservation of Energy: Energy cannot be created or destroyed but MAY be changed from one form to another.

14.) Potential Energy: Energy stored in an object due to its position.

15.) Kinetic Energy: Energy that a moving object has (energy of motion).

7 forms of energy... how to remember:



MARCTEN

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Edit

Input method

10 Down

Stored energy. Ready to be used energy.

Solve

Reset

POTENTIAL

RADIANT

Sep 27-3:03 PM

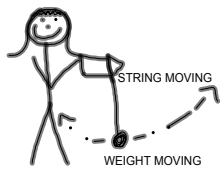
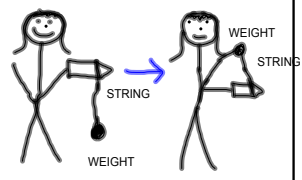
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PE and KE Diagram

Potential Energy = stored energy (not moving)  
\*Higher you move the string your PE increases!

Kinetic Energy = moving energy  
\*PE transferred to KE once pendulum moved.



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Edit

Reset

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Potential

Kinetic

Roller Coa ...

Stored Energy

Ball in Hand

Wax of Candle

Moving Energy

Roller coa ...

Ball falli ...

Nail movin ...

Aug 27-9:46 AM

Variables

Energy Sites

Aug 26-6:44 PM