## Potential and Kinetic Energy £





Potential Energy

Kinetic Energy

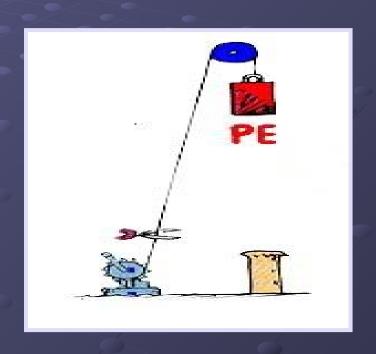
Gravitation Potential Energy Elastic Potential Energy

Chemical Potential Energy

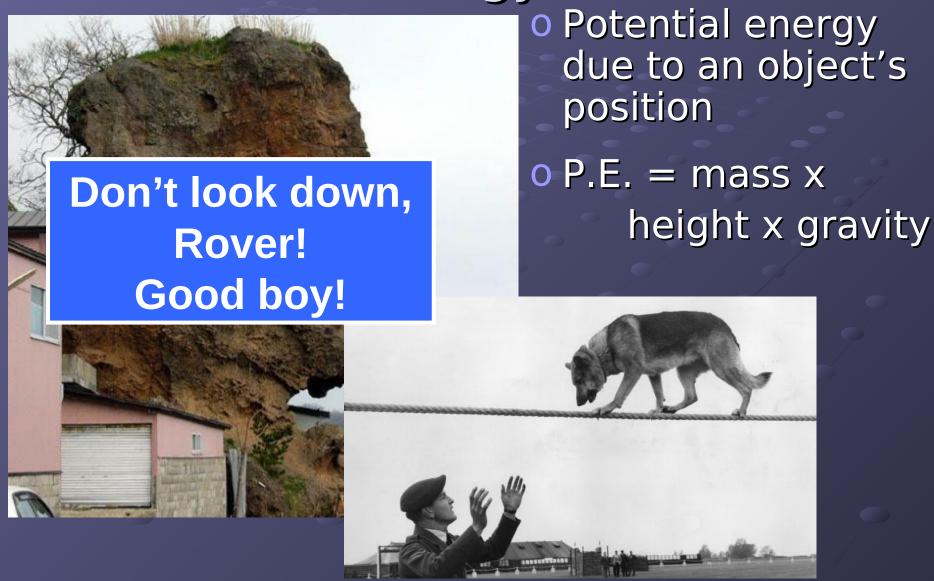
### What is Potential Energy?

 Energy that is stored and waiting to be used later



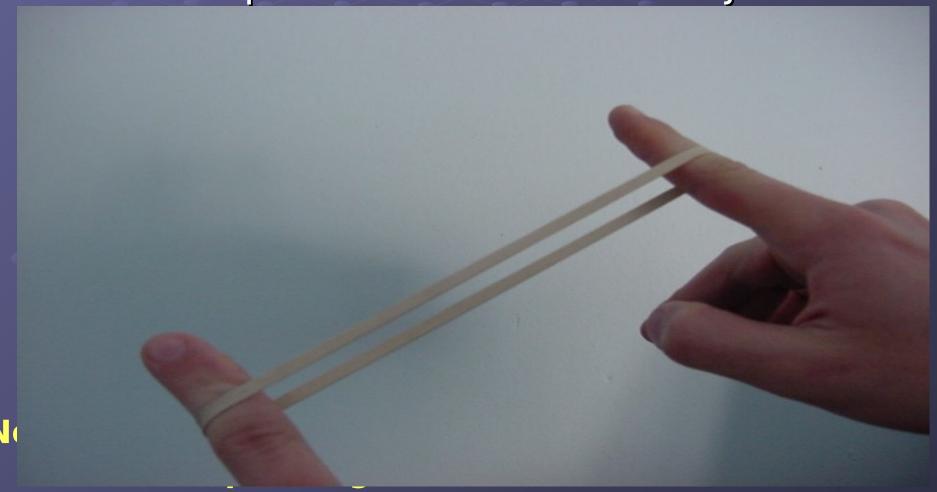


### What is Gravitational Potential Energy?



# What is Elastic Potential Energy?

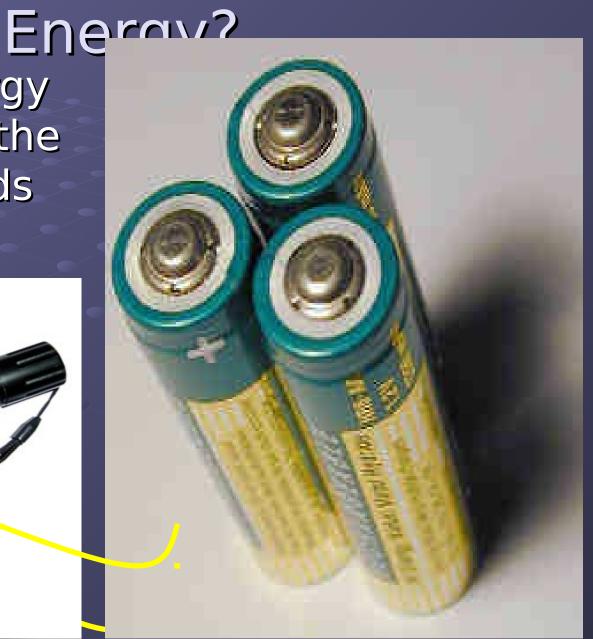
 Potential energy due compression or expansion of an elastic object.



### What is Chemical Potential

 Potential energy stored within the chemical bonds of an object





#### What is Kinetic Energy?

- Energy an object has due to its motion
- K.E. = .5(mass x speed<sup>2</sup>)



