Energy Wrap up

9/26/14

Energy Drinks



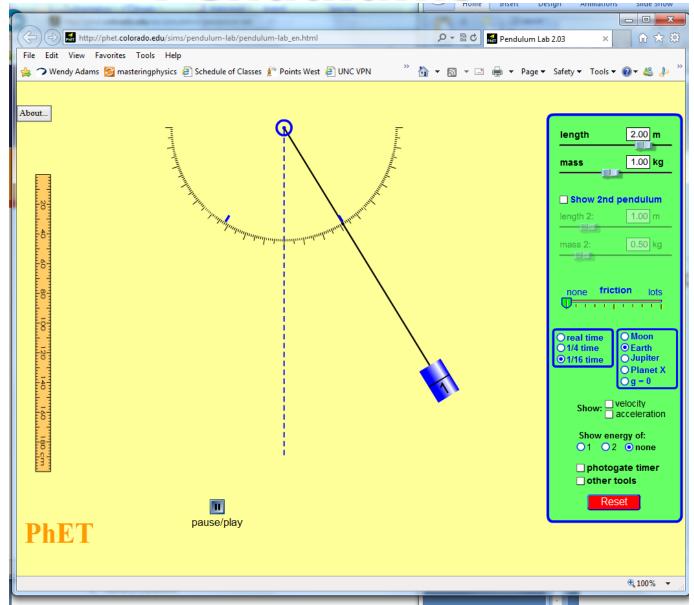
Sugar – if not sugar free

The only actual energy

Stimulant Drugs

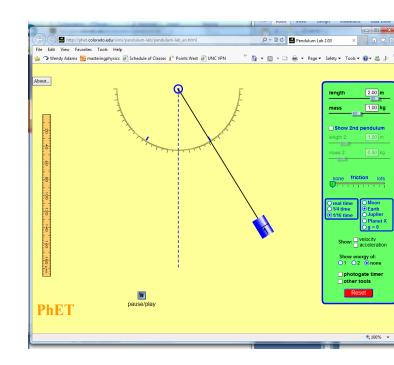
suppress the bodies natural reaction to exhaustion.

Not healthy



A pendulum is pulled the side as shown, it's energy before you let it go is

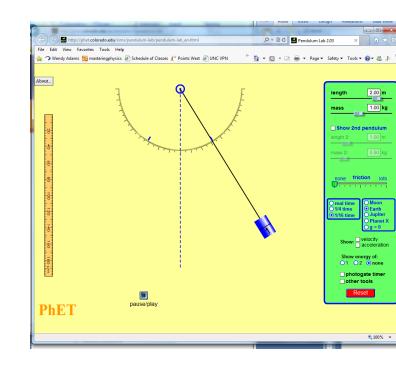
- A. All gravitational potential energy
- B. All kinetic energy
- C. A combination of both



A pendulum is pulled the side as shown, it's energy before you let it go is

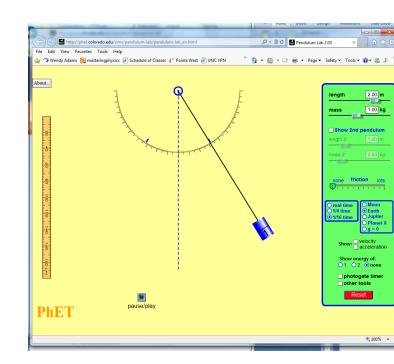
A. All gravitational potential energy

- B. All kinetic energy
- C. A combination of both



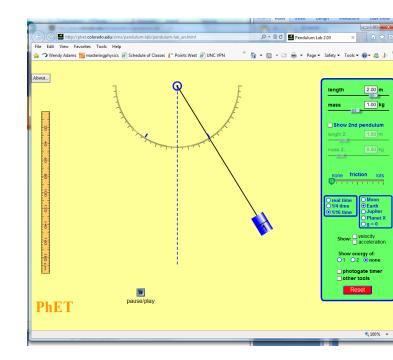
A pendulum is pulled the side as shown, it's energy at its lowest point (dotted line) is

- A. All gravitational potential energy
- B. All kinetic energy
- C. A combination of both



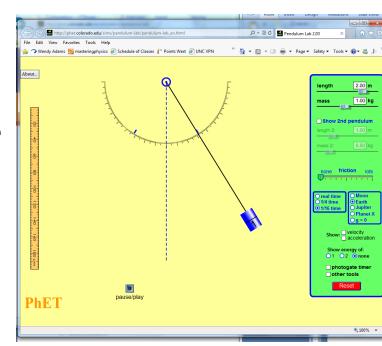
A pendulum is pulled the side as shown, it's energy at its lowest point (dotted line) is

- A. All gravitational potential energy
- **B. All kinetic energy**
- C. A combination of both



A pendulum is pulled the side as shown, it's energy at the furthest point to the left side is

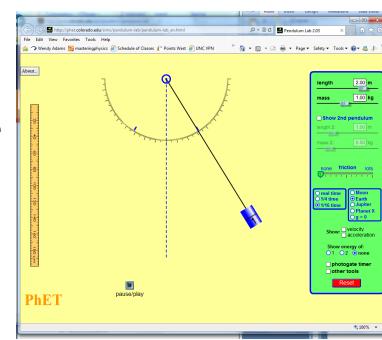
- A. All gravitational potential energy
- B. All kinetic energy
- C. A combination of both



A pendulum is pulled the side as shown, it's energy at the furthest point to the left side is

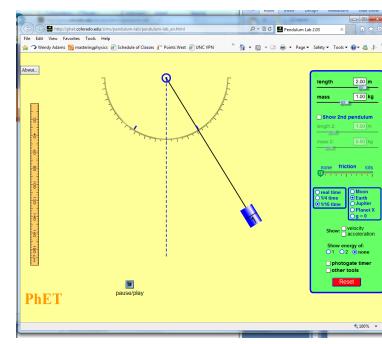
A. All gravitational potential energy

- B. All kinetic energy
- C. A combination of both



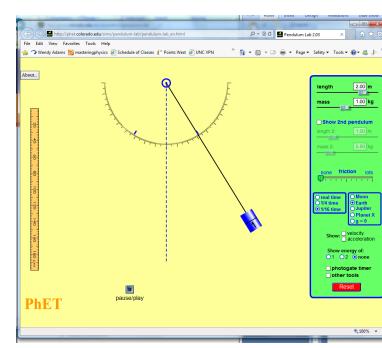
A pendulum is pulled the side as shown, it's energy half way between the start and the bottom is

- A. All gravitational potential energy
- B. All kinetic energy
- C. A combination of both

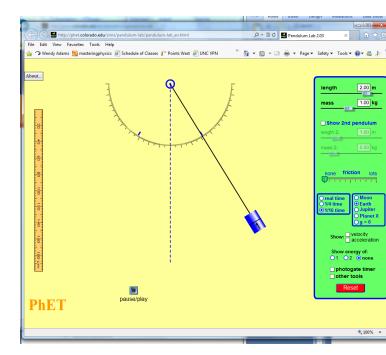


A pendulum is pulled the side as shown, it's energy half way between the start and the bottom is

- A. All gravitational potential energy
- B. All kinetic energy
- C. A combination of both



- A pendulum is pulled the side as shown,
- The highest point that it will reach on the left hand side is
- A. Exactly as high as it starts
- B. Almost as high as it starts
- C. Higher than it starts
- D. Could be more than one of the above options.

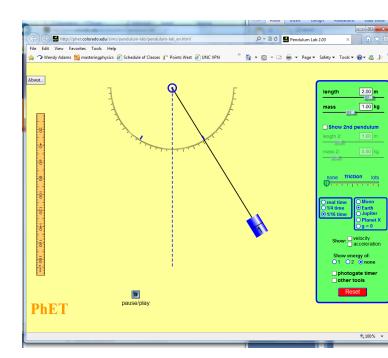


A pendulum is pulled the side as shown,

The highest point that it will reach on the left hand side is

A. Exactly as high as it starts

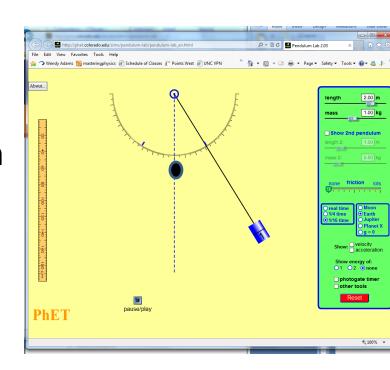
- B. Almost as high as it starts
- C. Higher than it starts
- D. Could be more than one of the above options.



A pendulum is pulled the side as shown, and <u>a fat bar</u> is stuck in the middle as shown to block the string.

The highest point that it will reach on the left hand side is

- A. Exactly as high as it starts
- B. Almost as high as it starts
- C. Higher than it starts
- D. Could be more than one of the above options.

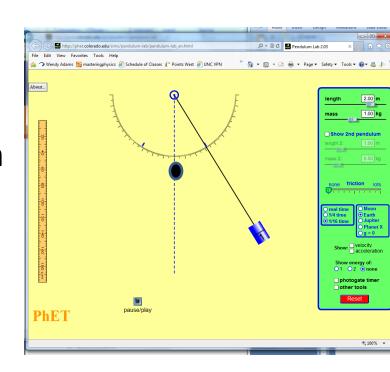


A pendulum is pulled the side as shown, and <u>a fat bar</u> is stuck in the middle as shown to block the string.

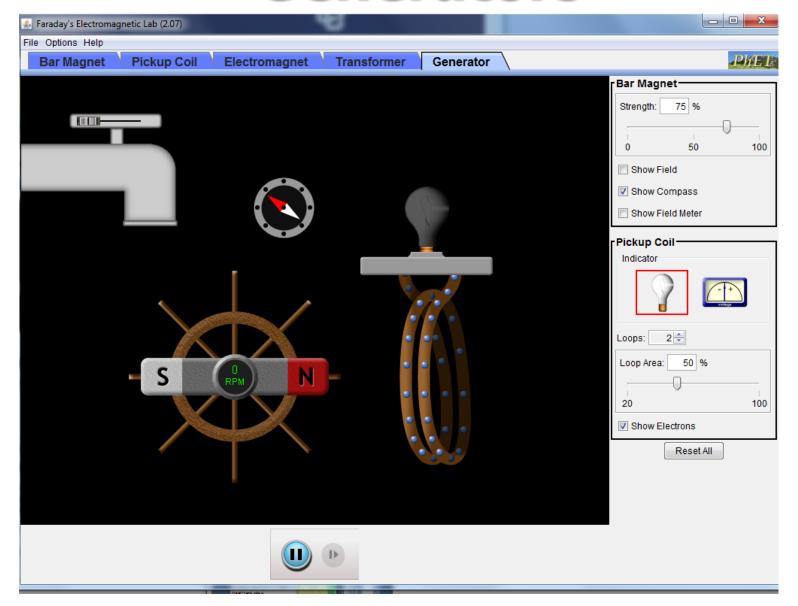
The highest point that it will reach on the left hand side is

A. Exactly as high as it starts

- B. Almost as high as it starts
- C. Higher than it starts
- D. Could be more than one of the above options.



Generators



Power Plants



- Burn Coal or Natural Gas
- Covert to mechanical energy
- Then to Electrical via *induction*

Windmills

