

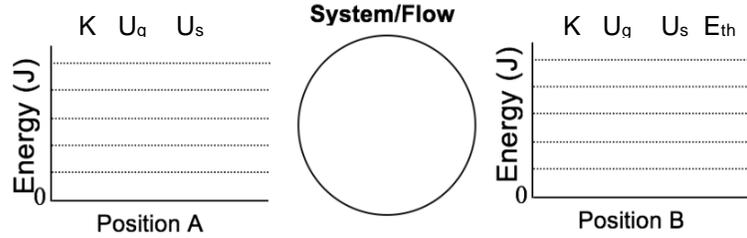
Bouncy Ball Energy LOL Student

Introduction to LOL Charts

Bouncy Ball Energy LOL!

1. Drop height to just before the ball hits the ground.

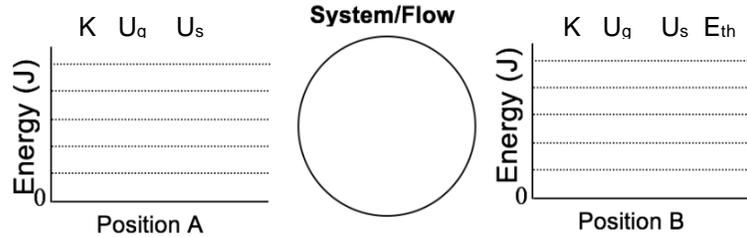
Diagram of Ball Path



Qualitative Energy Conservation Equation:

2. Just before ball hits the ground to squashed.

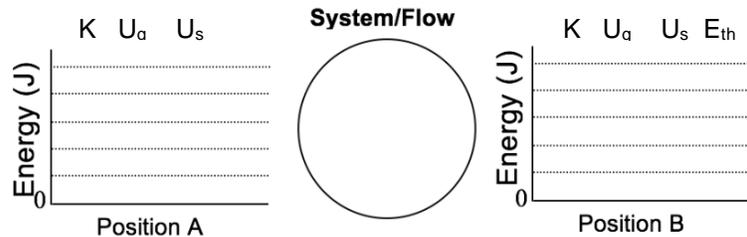
Diagram of Ball Path



Qualitative Energy Conservation Equation:

3. From squashed to just after the ball leaves the ground.

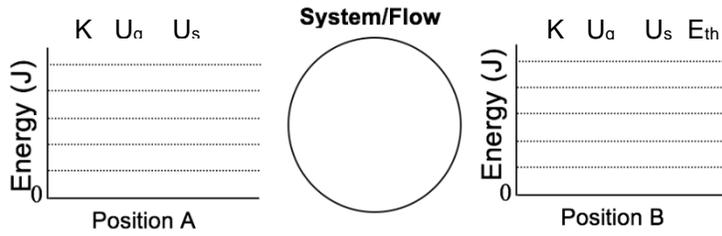
Diagram of Ball Path



Qualitative Energy Conservation Equation:

4. From just after the ball leaves the ground to the new height at which the ball stops.

Diagram of Ball Path



Qualitative Energy Conservation Equation: