

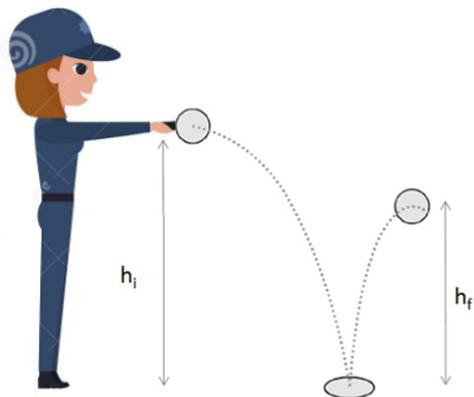
First Name: _____

Last Name: _____

Sc10 – Lab – Bouncy Ball Efficiency

/15 marks

Students will determine the energy efficiency of a bouncy ball by dropping it from shoulder height and measuring the rebounding height.



Procedure:	Materials:
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	Total	Weighting Multiplier	3	2	1	0
Evaluate and select appropriate procedures and instruments for collecting evidence and information, including appropriate sampling procedures.		x2	<i>Student has included a detailed procedure and complete materials list.</i>	<i>Student has neglected minor steps or equipment, or has included an incorrect step in their procedure.</i>	<i>Student did not include important procedural steps or critical pieces of equipment necessary for the completion of the lab.</i>	<i>Not included in write-up.</i>
Select and use apparatus safely, and apply WHMIS standards to handle and dispose of materials.		x1	<i>Student required no prompts from the teacher to conduct themselves safely in the lab.</i>	<i>Student rarely needed prompts from the teacher to conduct themselves safely in the lab.</i>	<i>Student needed frequent prompts from the teacher to conduct themselves safely in the lab.</i>	<i>Student was unsafe, resulting in them not being able to complete the experiment.</i>

Room for calculations:

Epi:	Epf	Eff(%):
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All data needs to be entered into Google Forms.

	Total	Weighting Multiplier	Google Form Mark /3
Calculations of Initial Potential Energy, Final Potential Energy, and Energy Efficiency.		x2	

NOTE: In the past, this lab has been marked by hand, and this modified version is only being used for demonstration purposes for the ESTCA presentation. Typically I use Google Forms auto-marking for more complicated labs.