







<p>Hooke's Law and Elastic Potential Energy</p>  <p>State Hooke's Law</p>	<p>mrbakerssciencestuff.com</p> <p>1 of 5</p>
<p>Hooke's Law and Elastic Potential Energy</p>  <p>What is the equation that describes Hooke's Law? State the quantities and units</p>	<p>mrbakerssciencestuff.com</p> <p>2 of 5</p>
<p>Hooke's Law and Elastic Potential Energy</p>  <p>Draw and label a Force-extension graph for an object that obeys Hooke's Law to a point but then is stretched past that point</p>	<p>mrbakerssciencestuff.com</p> <p>3 of 5</p>
<p>Hooke's Law and Elastic Potential Energy</p>  <p>What is the equation that describes the elastic potential energy stored in a spring. State the quantities and units</p>	<p>mrbakerssciencestuff.com</p> <p>4 of 5</p>

Instructions:

- (1) Answer the questions.
- (2) Watch the clip and correct your answers.
- (3) Print out, fold over on dotted line and make into flashcards.
- (4) Use for retrieval quizzes.





Hooke's Law and Elastic Potential Energy



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A catapult is used to propel an object vertically.
The elastic is extended 0.2 m and has a spring constant of 100N/m
If the object is 0.02 kg and given that gravity is 10m/s, how high will the object go?



5 of 5

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