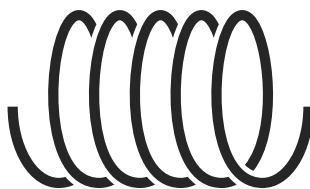


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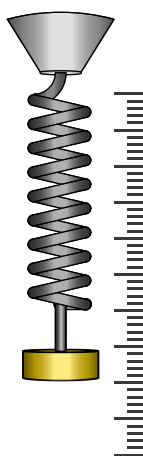
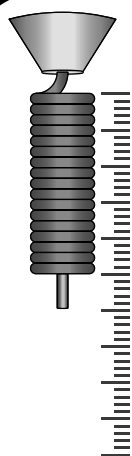
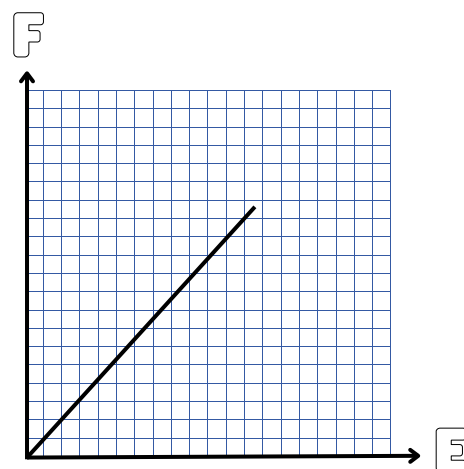
Date:

HOOKE'S



LAW

Hooke's Law:



Investigating Hooke's Law:

1. Measure the length of the spring with no load added.
2. Add one mass at a time and allow the spring to rest. Measure the new length of the spring.
3. Repeat step two until you have enough measurements.
4. Once you are done, calculate the weight of each mass and the extension of your spring.
5. Plot your results onto a graph. The y-axis is the Force. The x-axis is your extension.

Mass (g)	Weight (N)	Length (cm)	Extension (cm)
0			
100			
200			
300			
400			
500			
600			
700			
800			