Hooke's Law Past Paper Questions Jan 2002 to Jan 2009

[Note there are more Hooke's Law related questions under Young's Modulus]

3	(a)	State	Hooke's law. Q3 Jan 2009
3	(b)	mass	(2 marks) ident is asked to measure the mass of a rock sample using a steel spring, standard es and a metre rule. She measured the unstretched length of the spring and then p the arrangement shown in Figure 2 .
			Figure 2
			stand stand standard mass
3	(b)	(i)	Describe how you would use this arrangement to measure the mass of the rock sample. State the measurements you would make and explain how you would use the measurements to find the mass of the rock sample. The quality of your written communication will be assessed in this question.

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			(0	6 marks)
3	(b)	(ii)	State and explain one modification you could make to the arrangement in Figure 2 to make it more stable.	
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(2 marks)

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