IGCSE MECHANICS II

HOMEWORK 1 – EFFECTS OF FORCES

TIME 25min

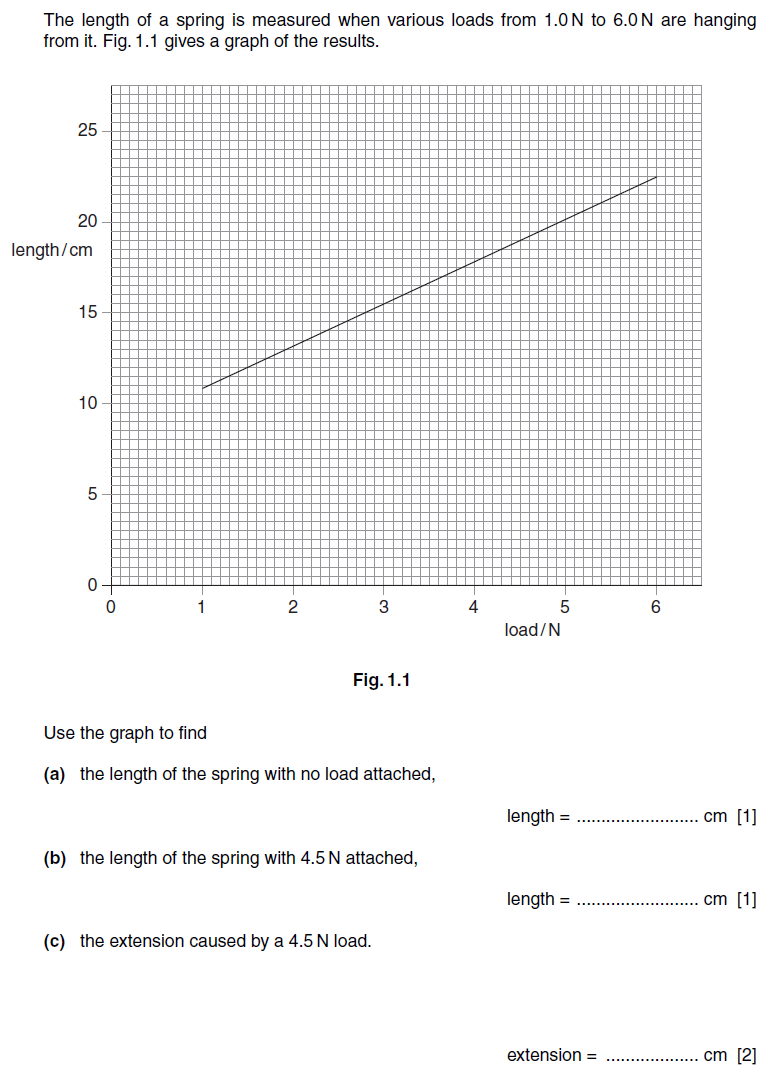
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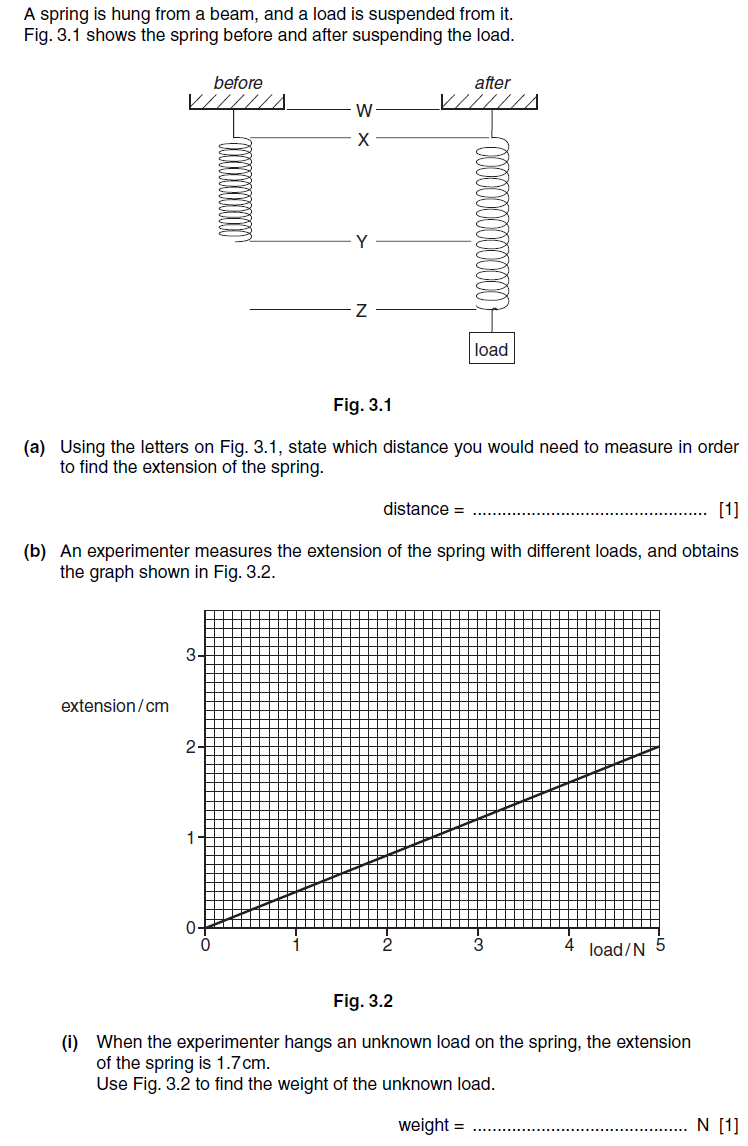
CORE

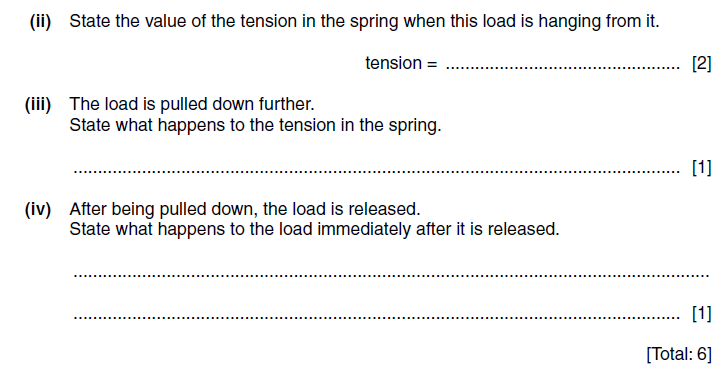
* State that a force may produce a change in size and shape of a body.
* Plot extension/load graphs and describe the associated experimental procedure.
* Describe the ways in which a force may change the motion of a body.

EXTENDED

* Interpret extension/load graphs
* State Hooke’s Law and recall and use the expression *F = k x*
* Recognise the significance of the term ‘limit of proportionality’ for an extension/load graph

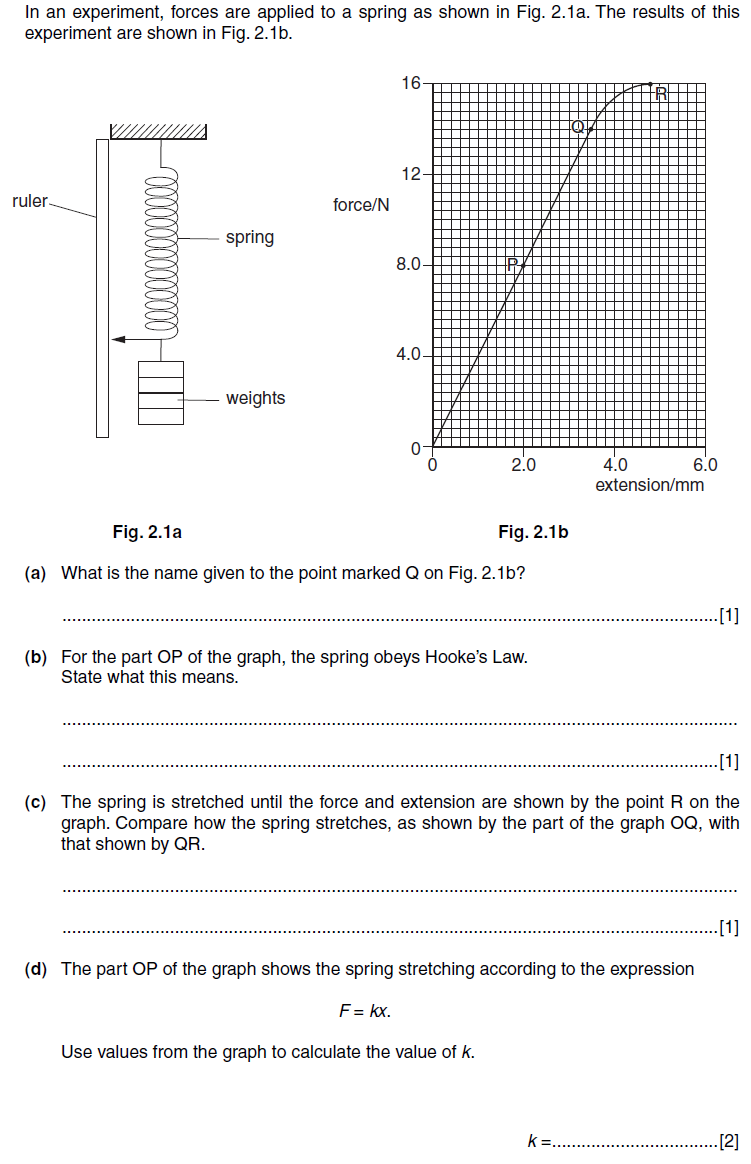
1.

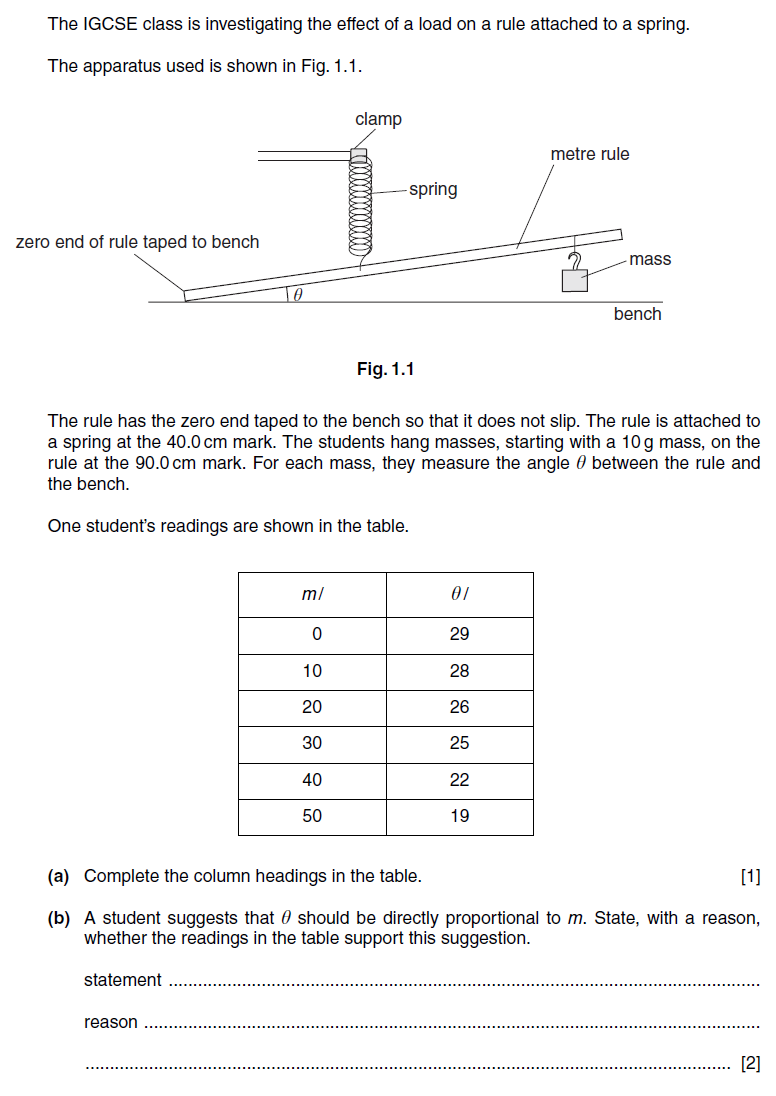
2.



EXTENDED

3.



PRACTICAL

4.

