

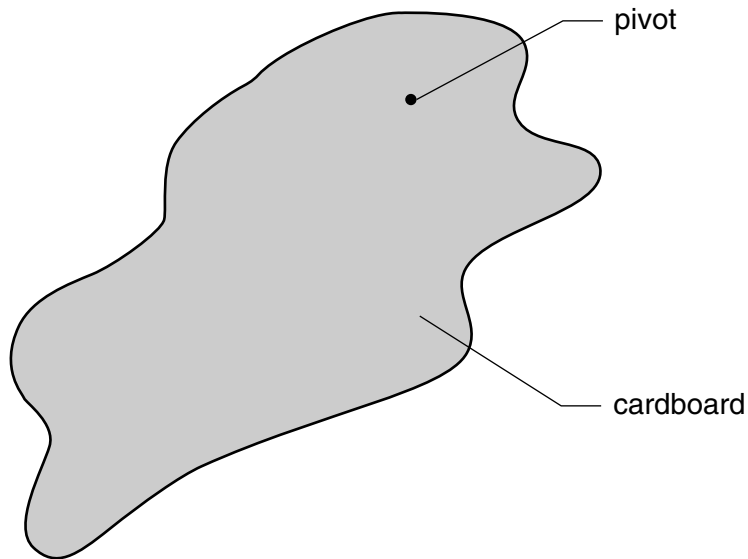
- 2 (a) Explain what is meant by the *centre of gravity* of a body.

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..... [2]

- (b) An irregularly-shaped piece of cardboard is hung freely from one point near its edge, as shown in Fig. 2.1.



**Fig. 2.1**

Explain why the cardboard will come to rest with its centre of gravity vertically below the pivot. You may draw on Fig. 2.1 if you wish.

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