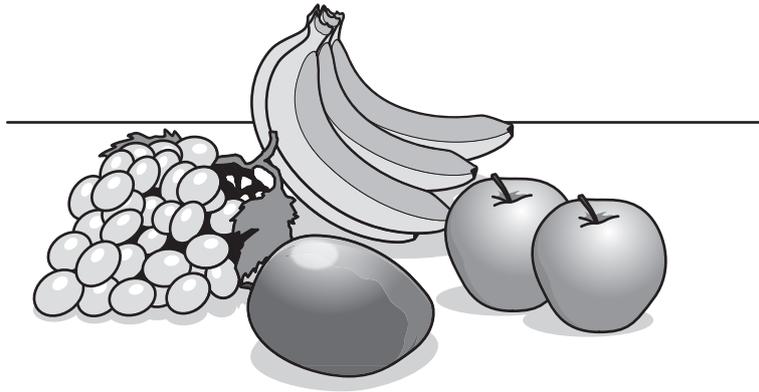




Answer **all** parts of the question on the A3 pre-printed answer sheets provided.

- 1 A selection of fresh fruit is often displayed in a café.



Design a countertop storage unit to hold and display fresh fruit. The storage unit must be adjustable so that it can hold different types of fruit.

- (a) List **four** additional points about the function of such a countertop storage unit that you consider to be important. [4]
- (b) Use sketches and notes to show **two** methods of making a storage unit adjustable to hold different shaped items. [4]
- (c) Develop and sketch **three** separate ideas for the countertop storage unit. [12]
- (d) Evaluate your three ideas. Choose **one** idea to develop further and justify your choice. [8]
- (e) Draw, using a method of your own choice, a full solution to the design problem. Include construction details and important dimensions. [12]
- (f) Suggest **two** suitable specific materials for the solution you have drawn in part (e) and give reasons for your choice. [4]
- (g) Outline a method that could be used to manufacture **one** part of your solution drawn in part (e). Include the names of the tools used. [6]



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