

7. This question is about Tools, Equipment and Making. It is worth a total of 20 marks.

(a)

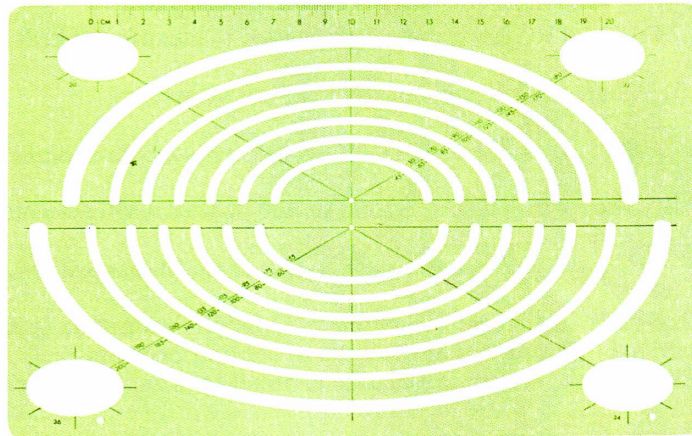


State the name of the drawing equipment shown above.

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[1]

(b)



State the name of the shape that the template shown above will help you to draw.

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[1]

(c) When cutting a straight line in card using a craft knife, rule and cutting board explain why a metal rule should always be used. [3]

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- (d) The photograph below is not of good enough quality for use. It needs to be edited to improve it.



Explain what changes each of the editing processes below would make to the photograph.

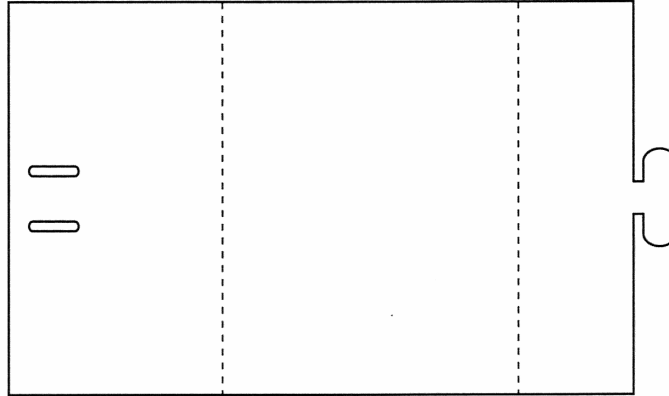
- (i) Adjust the levels: [2]

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- (ii) Crop the image: [2]

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- (e) The drawing below shows a net for an advertisement that is to be sent through the post. The net has been drawn using CAD software.



- (i) A prototype is needed to prove that the net works when made using 350 micron card. Explain how you would make the prototype by hand.

Step 1: Printing: [2]

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Step 2: Cutting: [2]

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Step 3: Scoring and Folding : [2]

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(ii) In the space below draw a sketch to show how the prototype locks shut for posting. [2]

(f) Discuss the advantages a vector drawing programme has when compared with an image manipulation (bitmap) programme when designing a logo. [3]

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