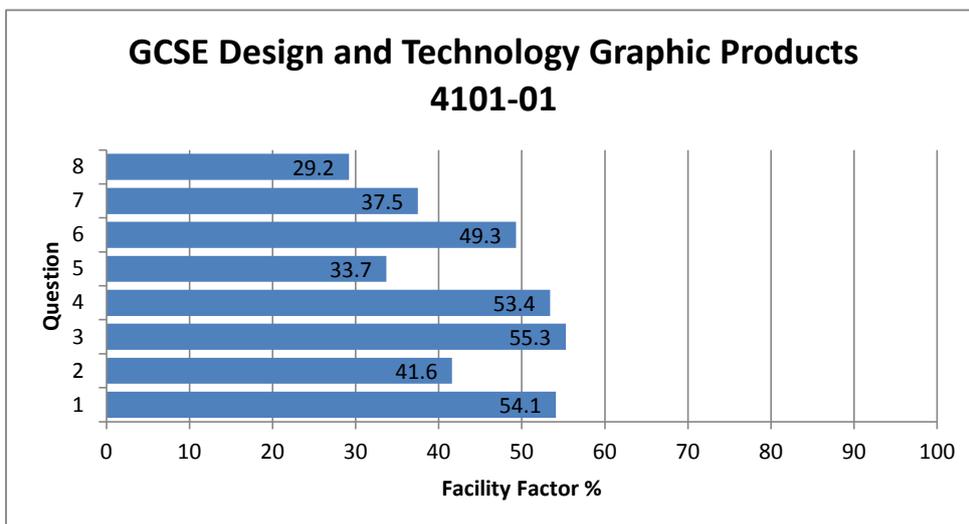


GCSE Design and Technology Graphic Products 4101-01

All Candidates' performance across questions

 Question Title	 N	 Mean	 SD	 Max Mark	 FF	 Attempt %
1	2476	8.1	2.8	15	54.1	99.8
2	2476	4.2	2.3	10	41.6	99.8
3	2472	5.5	2.3	10	55.3	99.6
4	2476	13.3	3.8	25	53.4	99.8
5	2470	3.4	2.1	10	33.7	99.6
6	2472	7.4	3	15	49.3	99.6
7	2469	7.5	3.6	20	37.5	99.5
8	2460	4.4	3.1	15	29.2	99.2



Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method:

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage:

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography
Flexography

(c) (i) Explain what you understand by the term 'imposition'.

[2]

.....

.....

.....

(ii) Describe what happens during the finishing stage of a commercial printing process.

[3]

.....

.....

.....

.....

.....

4101
010011

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: Die cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>wall paper</u>
Flexography	<u>carrier bags</u>

- (c) (i) Explain what you understand by the term 'imposition'. [2]

Imposition is ~~when~~ how the product is ~~very~~ laid out and structured.

- (ii) Describe what happens during the finishing stage of a commercial printing process. [3]

During the finishing stage ~~the~~ the product is cut to size and is gone through security check to see whether the printing process has gone correctly.

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: Die cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>wall paper</u>
Flexography	<u>carrier bags</u>

- (c) (i) Explain what you understand by the term 'imposition'.

[2]

Imposition is ~~when~~ how the product is ~~way~~ laid out and structured.

- (ii) Describe what happens during the finishing stage of a commercial printing process.

[3]

During the finishing stage ~~the~~ the product is cut to size and is gone through security check to see whether the printing process has gone correctly.

Examiner only

4101
010011

8

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: Die -cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>Newspaper</u>
Flexography	<u>T-shirt</u>

- (c) (i) Explain what you understand by the term 'imposition'. [2]

Imposition is when a product is made from only one sheet of paper, and it is folded into the correct positions, with only a few cuts made.

- (ii) Describe what happens during the finishing stage of a commercial printing process. [3]

The finishing stage is at the end of the printing process. This is when procedures such as varnishing, die-cutting, and stapling ~~is~~ are done. It is when the product is put together, and finalised.

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: Die -cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>Newspaper</u>
Flexography	<u>T-shirt</u>

- (c) (i) Explain what you understand by the term 'imposition'. [2]

Imposition is when a product is made from only one sheet of paper, and it is folded into the correct positions with only a few cuts made.

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Examiner only

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2



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6

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: die cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>Black and white newspaper</u>
Flexography	<u>crisp packet / carton</u>

- (c) (i) Explain what you understand by the term 'imposition'. [2]

Where paper is ~~printed~~ duplex printed,
and then bound so all pages e.g. in a
magazine, are in order.

- (ii) Describe what happens during the finishing stage of a commercial printing process. [3]

The product would be dried, then
bound (e.g. a newspaper) then
sent to be sold.

Section B

Marked out of 60

60 minutes

5. This question is about Commercial Manufacturing Processes. It is worth a total of 10 marks.

- (a) (i) There are three stages in commercial printing. **Underline** the second stage of the process. [1]

On Press

Finishing

Pre-Press

- (ii) State the method used to cut out the stickers below. [1]



Method: die cutting

- (iii) State at which stage of the commercial printing process this would be done. [1]

Stage: Finishing

- (b) Below is a table of printing processes. Complete the table to identify a product that is printed using each of the processes named. *The first has been done for you.* [2]

Printing Process	Product
Roto Gravure	Glossy Magazine
Offset Lithography	<u>Black and white newspaper</u>
Flexography	<u>crisp packet / carton</u>

- (c) (i) Explain what you understand by the term 'imposition'.

[2]

where paper is ~~printed~~ duplex printed,
and then binded so all pages e.g. in a
magazine, are in order.

- (ii) Describe what happens during the finishing stage of a commercial printing process.

[3]

The product would be dried, then
binded (e.g. a newspaper, then
sent to be sold.

Examiner
only

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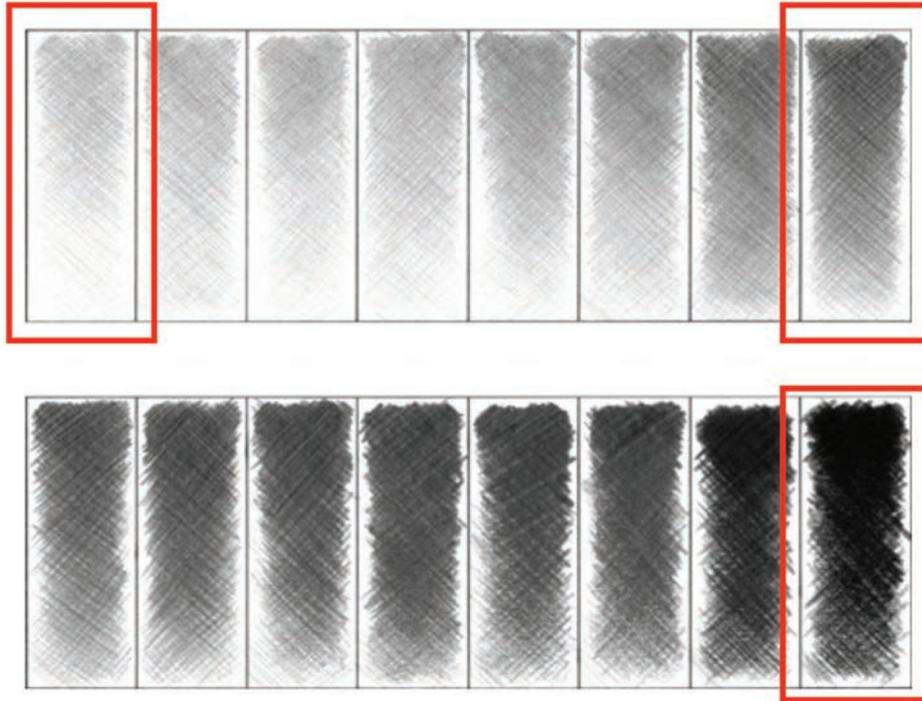
1

4101
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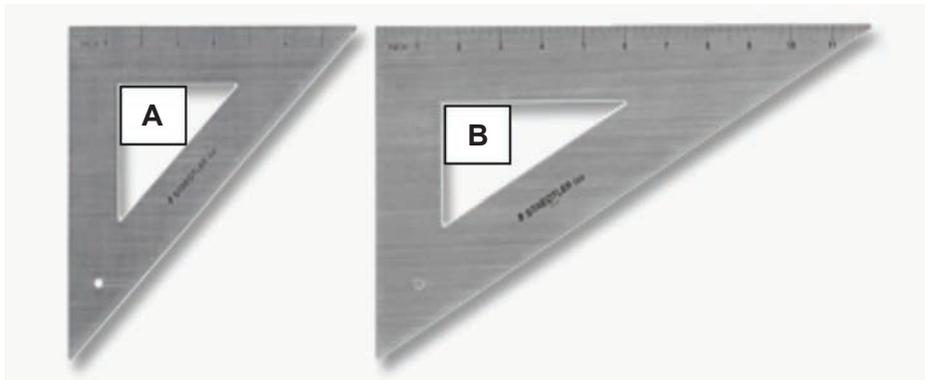
5

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

(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]



(b)

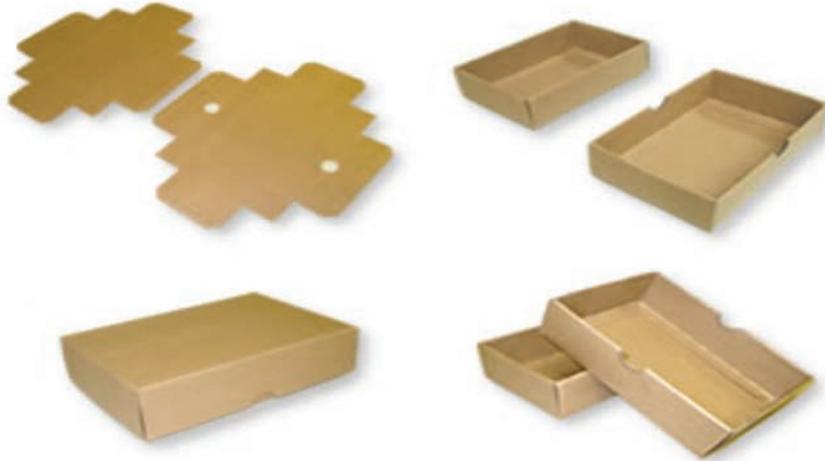


The picture above shows two set squares. Fill in the missing information to complete the table below.

[2]

Set Square	Angles of Set Square
A
B

(c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

(i) Scoring and Folding. [2]

.....

.....

(ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 2 3

(iii) Describe the benefits of using a template to make multiple prototypes. [2]

.....

.....

.....

(d) Explain **two** safety considerations when making the prototype using CAM.

Consideration 1: [2]

.....

.....

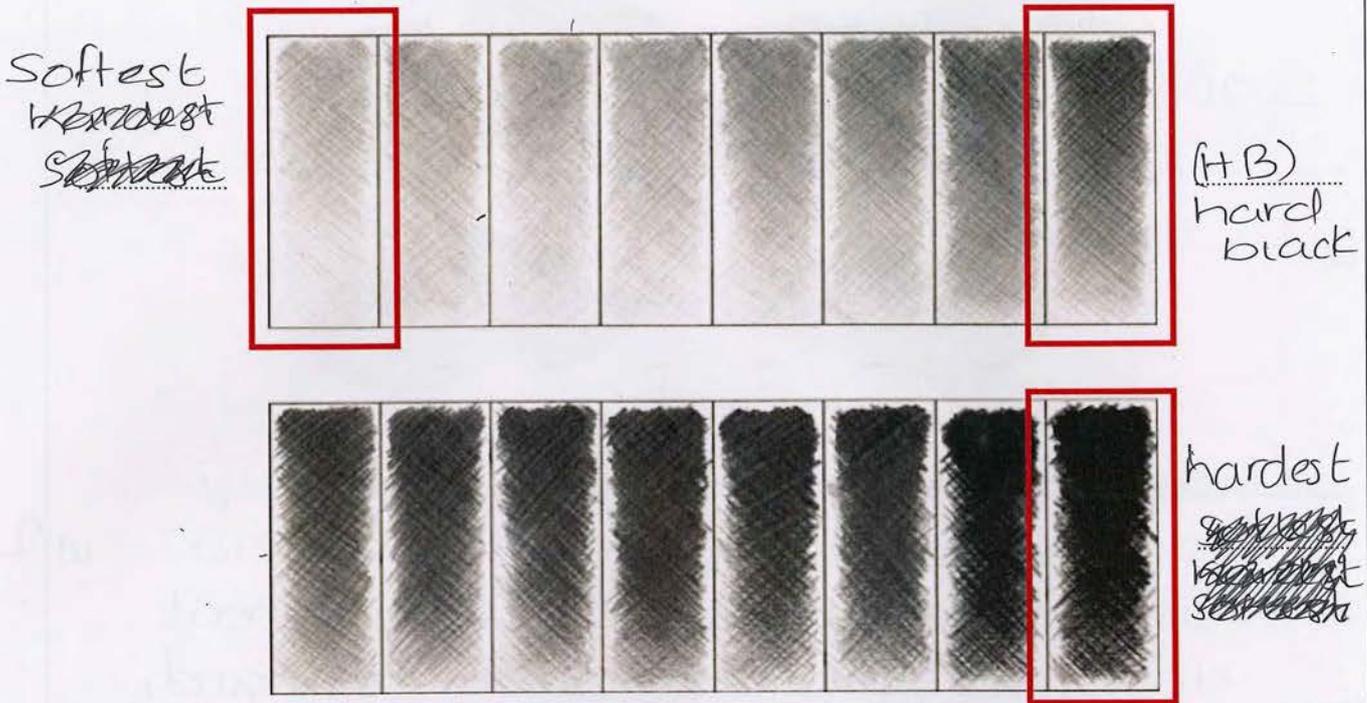
Consideration 2: [2]

.....

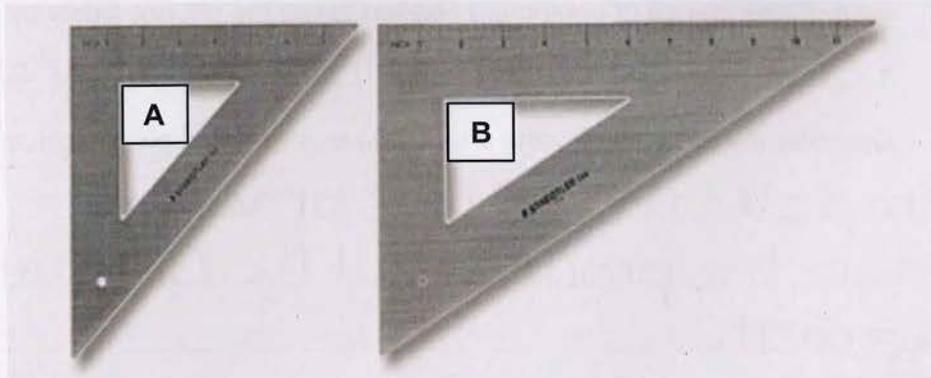
.....

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

(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]



(b)

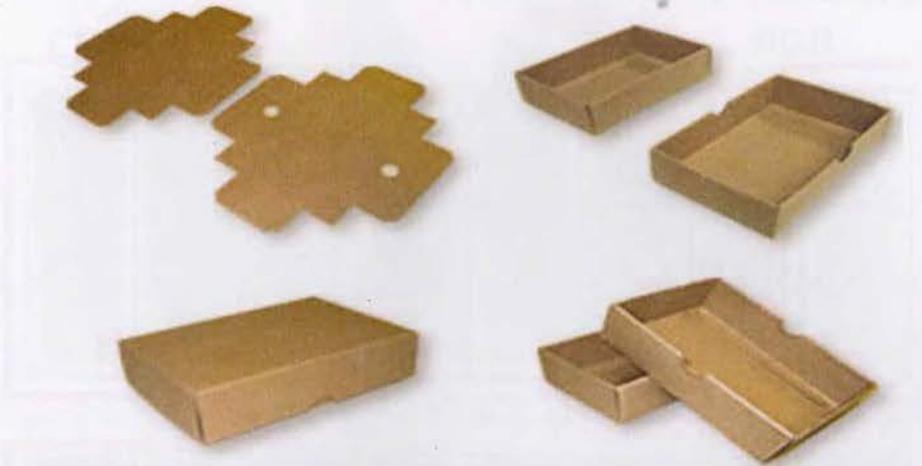


The picture above shows two set squares.
Fill in the missing information to complete the table below.

[2]

Set Square	Angles of Set Square
A	30°
B	60°

- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding. [2]

using a craft knife and a cutting mat
and score halfway through the board,
and then fold using a ~~craft~~ rule while doing.

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 craft knife 2 cutting mat 3 safety rule

- (iii) Describe the benefits of using a template to make multiple prototypes. [2]

templates would save time and
make the products all be same and
accurate.

- (d) Explain **two** safety considerations when making the prototype using CAM. [2]

Consideration 1:

to see if the correct material will suit
the design.

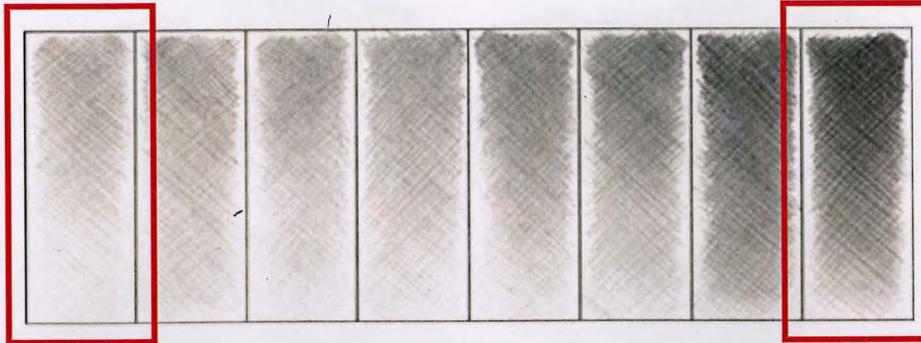
Consideration 2:

to check whether the sizes are smaller
in ratio.

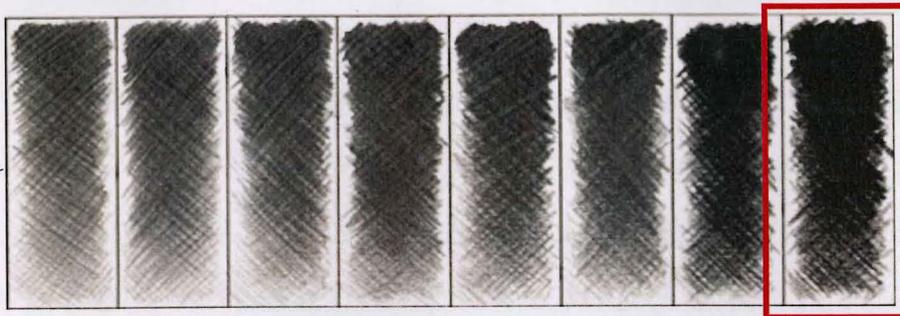
7. This question is about Tools, Equipment and Making. It is worth a total of 20 marks.

(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]

Softest
~~hardest~~
~~softest~~

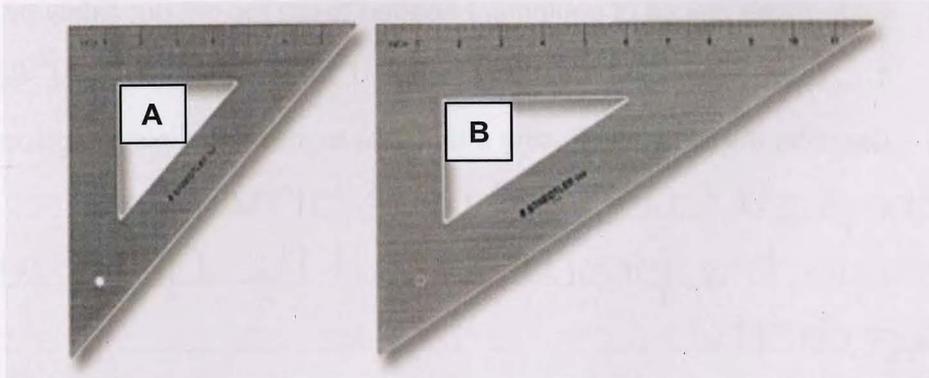


(HB)
 hard
 black



hardest
~~softest~~
~~hardest~~
~~softest~~

(b)

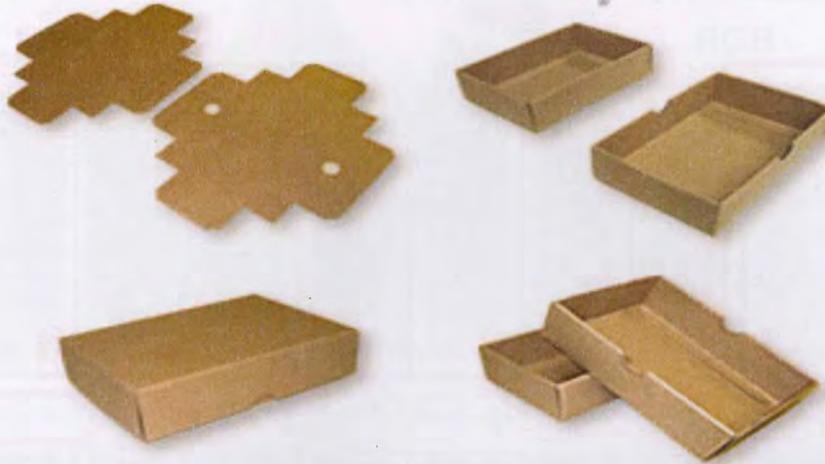


The picture above shows two set squares. Fill in the missing information to complete the table below.

[2]

Set Square	Angles of Set Square
A	30°
B	60°

- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding.

[2]

using a craft knife and a cutting mat
and score halfway through the board,
and then fold using a ~~craft~~ rule while doing.

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand.

[3]

1 craft knife 2 cutting mat 3 safety rule

- (iii) Describe the benefits of using a template to make multiple prototypes.

[2]

templates would save time and
make the products all the same and
accurate.

- (d) Explain **two** safety considerations when making the prototype using CAM.

Consideration 1:

[2]

to see if the correct material will suit
the design.

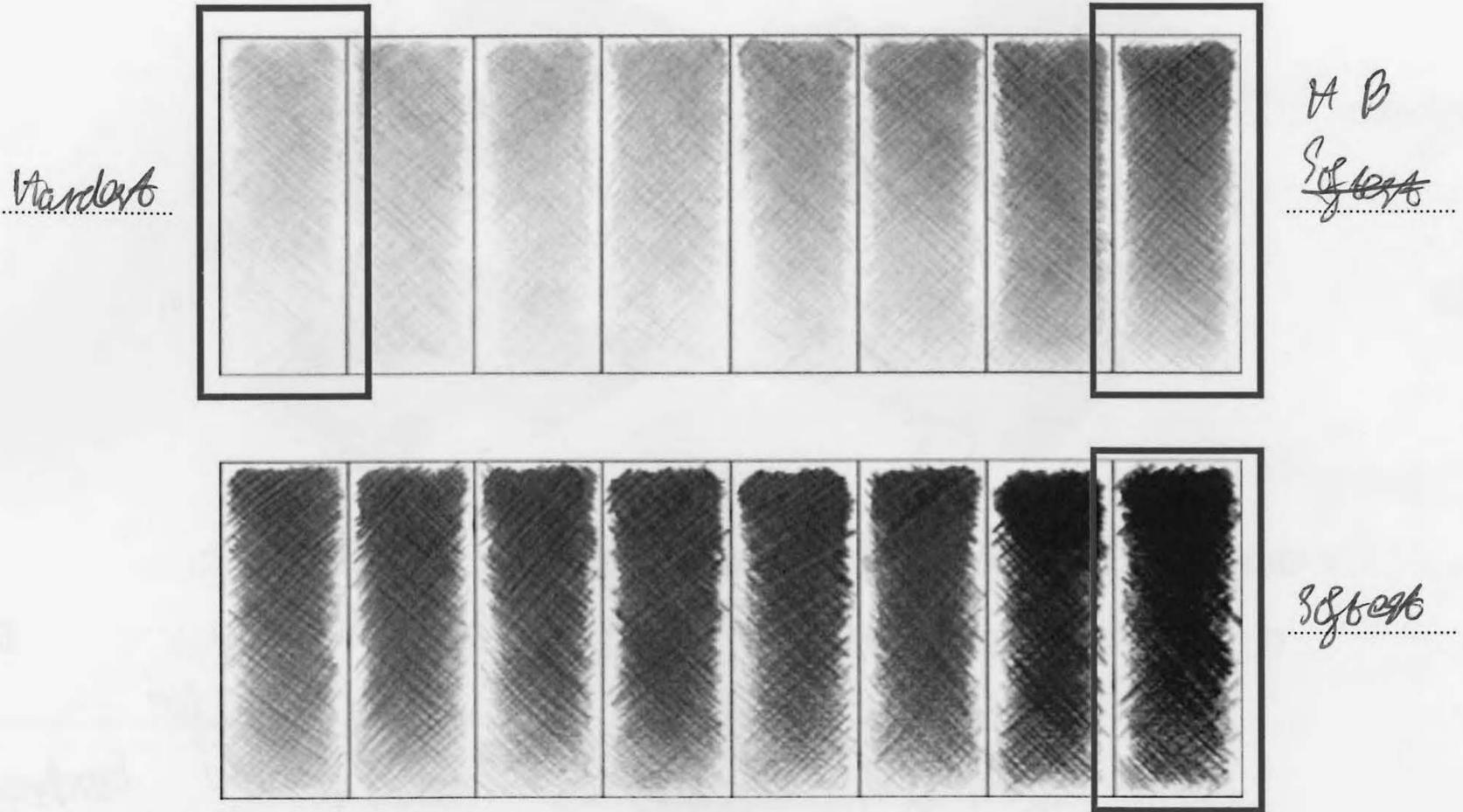
Consideration 2:

[2]

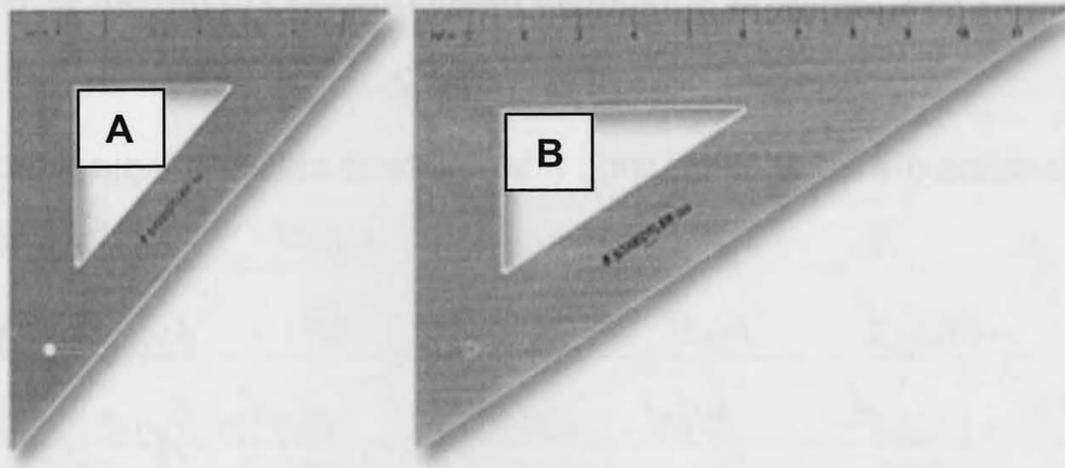
to check whether the sizes are smaller
in ratio.

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

(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]



(b)

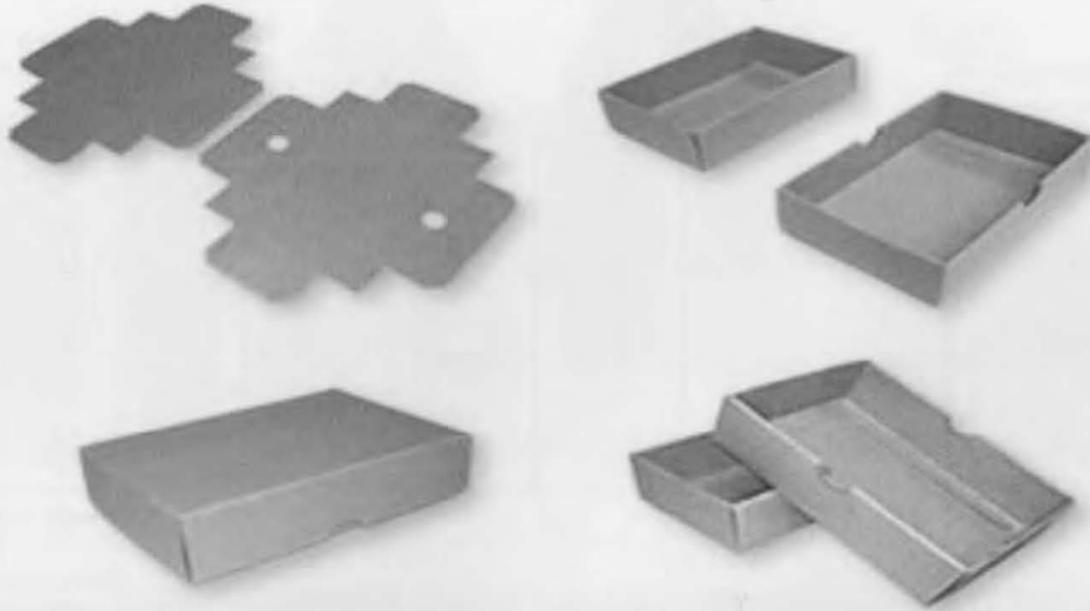


The picture above shows two set squares. Fill in the missing information to complete the table below.

[2]

Set Square	Angles of Set Square
A	45°
B	60°, 30°

- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding. [2]

First, dotted score lines would be scored using a scoring tool, the boxboard would then be folded carefully on the scores.

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 Craft knife 2 Safety mat 3 Safety Rule

- (iii) Describe the benefits of using a template to make multiple prototypes. [2]

If a designer uses a template, he would not need to manually cut, score, and fold each prototype, he would just follow the template, which is quicker and easier.

- (d) Explain **two** safety considerations when making the prototype using CAM.

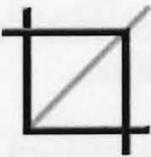
Consideration 1:

Always be careful not to get in the way of the machine, if it is a laser cutter or plotter for example.

Consideration 2:

Keep all food and drinks away from machines as they can cause damage.

(e) Explain what the following tools are used for when using CAD packages.

- (i)  Crop Tool

[2]

The crop tool lets a designer cut away any unwanted areas from an object or image.

- (ii)  Clone Tool

[2]

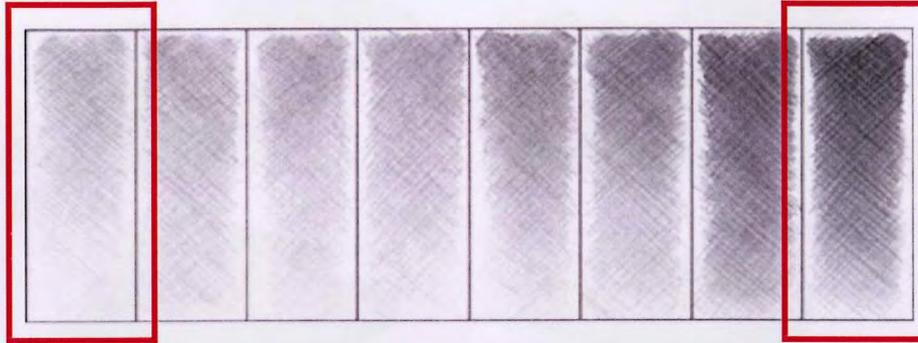
The clone tool lets a designer duplicate an object, ~~or~~ and use it multiple times in the same or a different design.

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

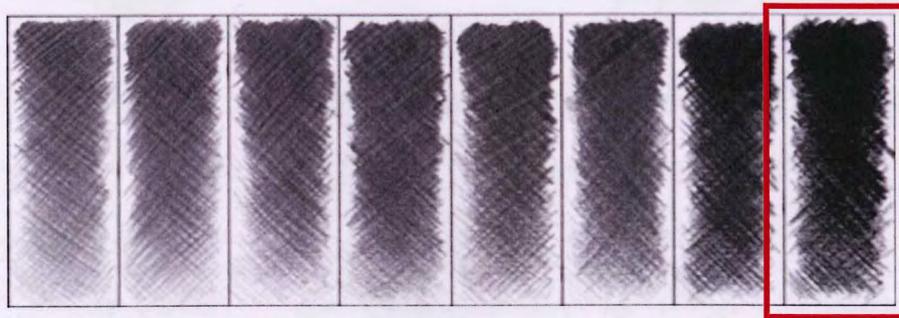
(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]

3

Hardest

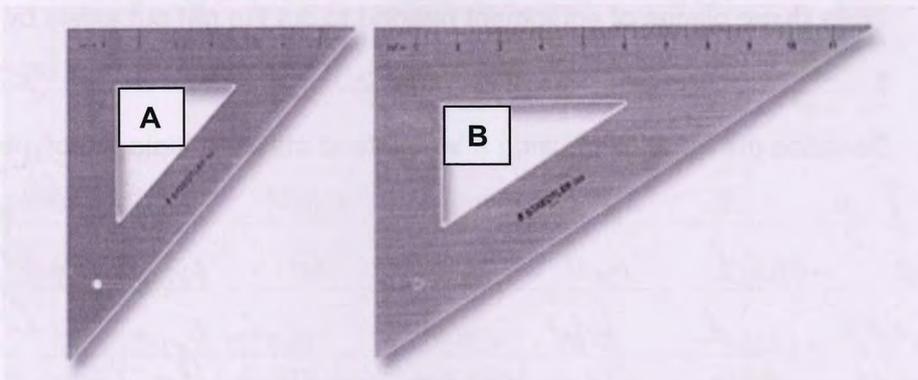


HB
Softest



Softest

(b)



The picture above shows two set squares. Fill in the missing information to complete the table below.

[2]

2

Set Square	Angles of Set Square
A	<u>45°</u>
B	<u>60° , 30°</u>

- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding. [2]

First, dotted score lines would be scored using a scoring tool. The boxboard would then be folded carefully on the scores.

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 Craft knife 2 Safety mat 3 Safety Rule

- (iii) Describe the benefits of using a template to make multiple prototypes. [2]

If a designer uses a template, he would not need to manually cut, score, and fold each prototype. He would just follow the template, which is quicker, and easier.

- (d) Explain **two** safety considerations when making the prototype using CAM.

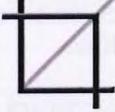
Consideration 1:

Always be careful not to get in the way of the machine, if it is a laser cutter, or plotter for example.

Consideration 2:

Keep all food and drinks away from machines as they can cause damage.

(e) Explain what the following tools are used for when using CAD packages.

- (i)  Crop Tool

[2]

The crop tool lets a designer cut away any unwanted areas from an object or image.

- (ii)  Clone Tool

[2]

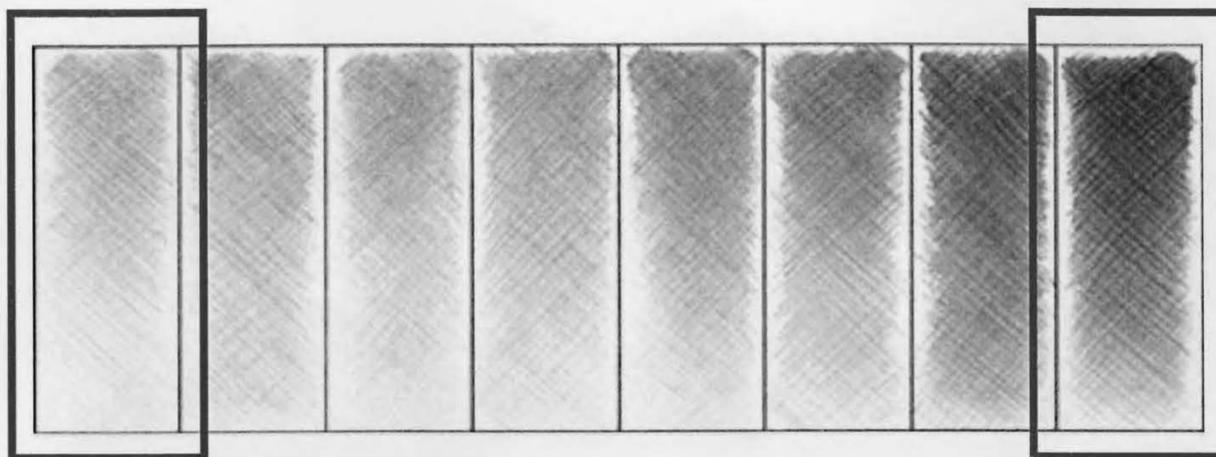
The clone tool lets a designer duplicate an object, ~~or~~ and use it multiple times in the same or a different design.

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

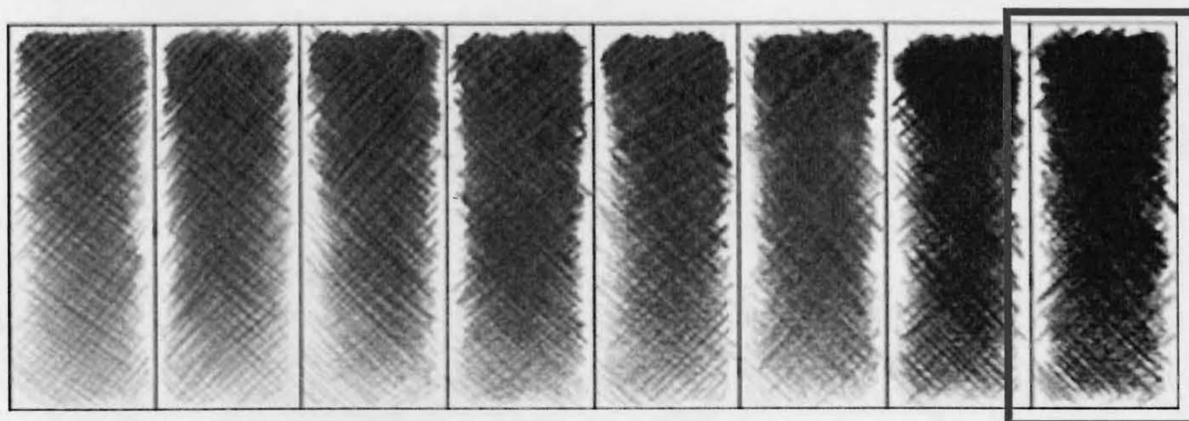
(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]

3

hardest

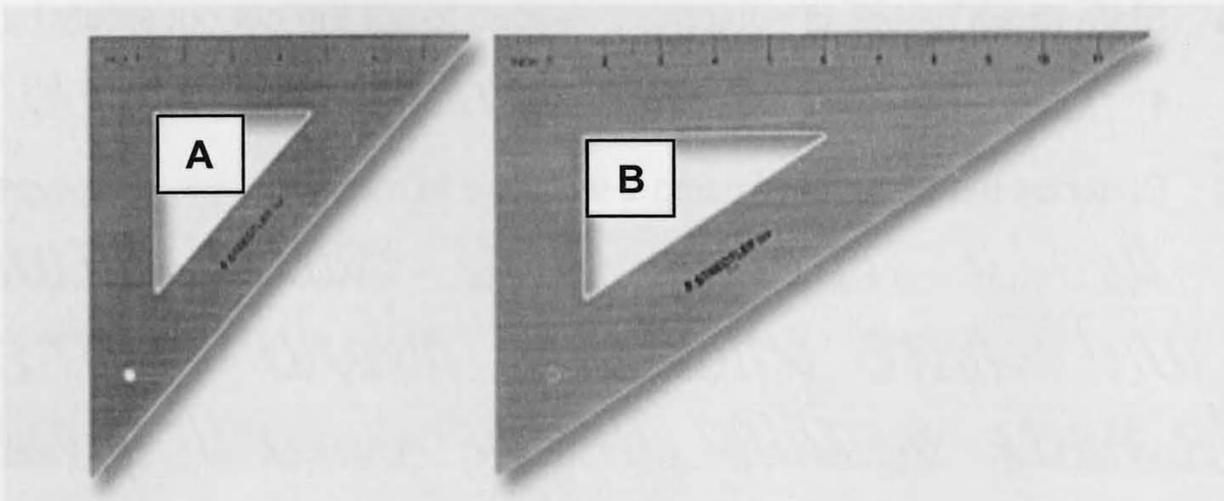


HB
Softest



Softest

(b)

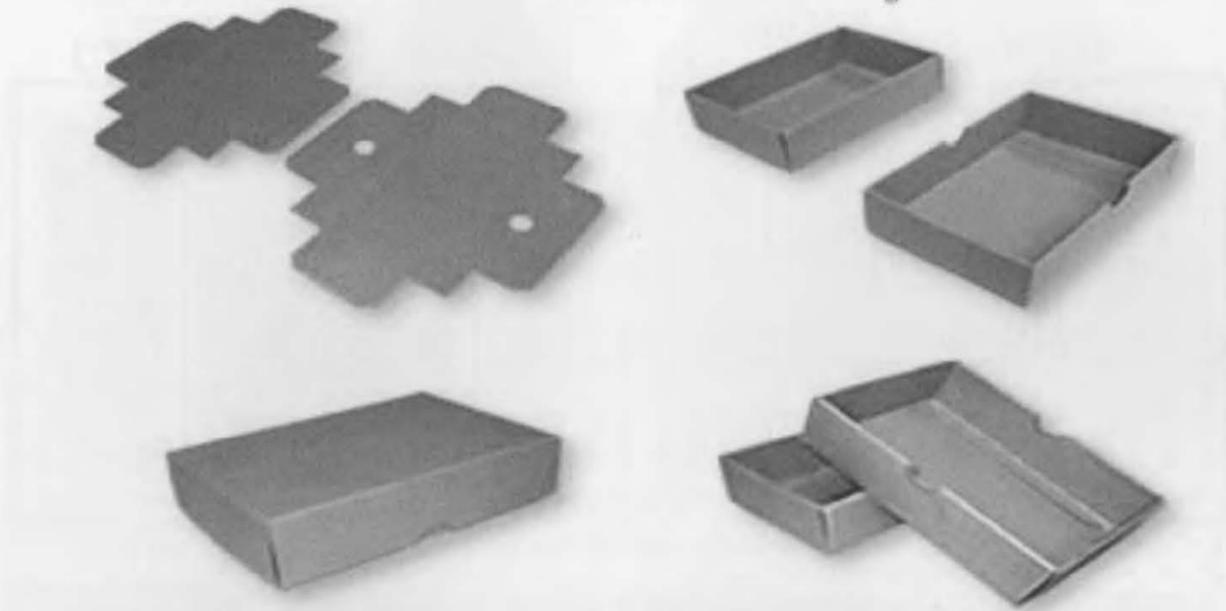


The picture above shows two set squares. Fill in the missing information to complete the table below.

[2]

Set Square	Angles of Set Square
A	90° 90°
B	60°

- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding. [2]

Score, using a craft knife, safety metal ruler and safety matt, score ~~carefully~~ carefully then fold on the score lines where needed

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 Craft knife 2 Safety metal ruler 3 Safety matt

- (iii) Describe the benefits of using a template to make multiple prototypes. [2]

as it can be done quickly, accurately and more efficient, meaning more can be made meaning you can eliminate problems quickly

- (d) Explain **two** safety considerations when making the prototype using CAM. [2]

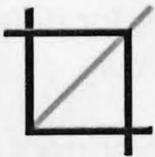
Consideration 1:

do not bring water near the CAM as it could cause an electrical shock, harming you.

Consideration 2:

turn on extractor fan; to get rid of any toxic gases, harming you.

(e) Explain what the following tools are used for when using CAD packages.

- (i)  Crop Tool

[2]

to get rid of any unwanted / needed areas of the image.

- (ii)  Clone Tool

[2]

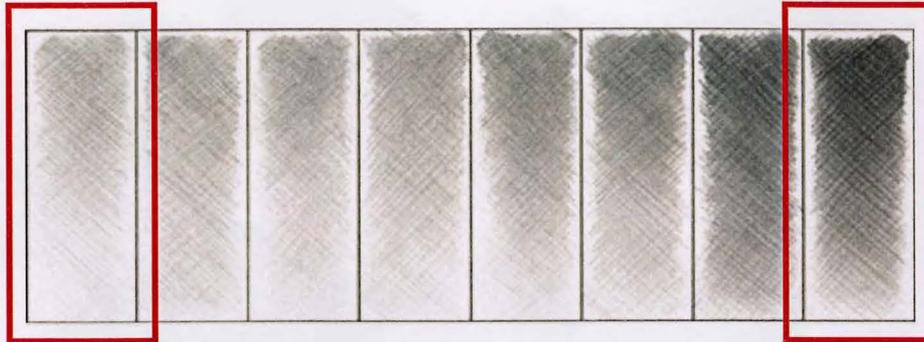
to replicate the image so you have an exact copy.

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

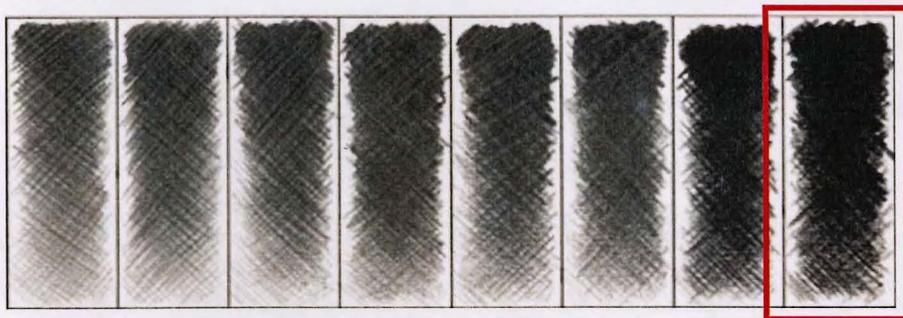
(a) Label the illustrations below of different pencil grades. State which of the grades in the red box is the **hardest** grade, the **softest** grade and the **hard black (HB)**. [3]

3

hardest

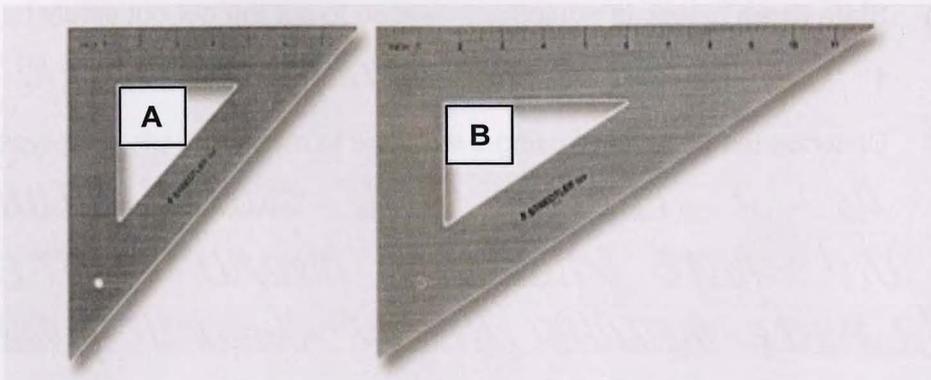


HB
Softest



Softest

(b)



The picture above shows two set squares. Fill in the missing information to complete the table below.

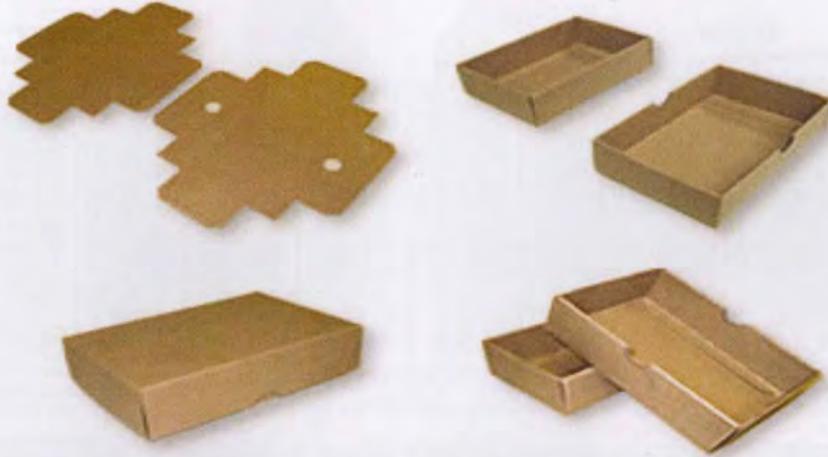
[2]

0

Set Square	Angles of Set Square
A	90 90°
B	60°



- (c) The images below show a prototype for a box in net form and folded into shape. The prototype was made out of 500 micron boxboard.



Outline how the following step would be done by hand.

- (i) Scoring and Folding. [2]

Score, using a craft knife, safety metal ruler and safety matt, score carefully carefully then fold on the score lines where needed

- (ii) State **three** pieces of equipment needed to cut the net out safely by hand. [3]

1 Craft knife 2 Safety metal ruler 3 Safety matt

- (iii) Describe the benefits of using a template to make multiple prototypes. [2]

as it can be done quickly, accurately and more efficient, meaning more can be made meaning you can eliminate problems quickly

- (d) Explain **two** safety considerations when making the prototype using CAM. [2]

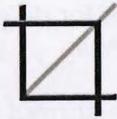
Consideration 1:

do not bring water near the CAM as it could cause an electrical shock, harming you.

Consideration 2:

turn on extractor fan; to get rid of any toxic gases, harming you.

(e) Explain what the following tools are used for when using CAD packages.

(i)  Crop Tool

[2]

to get rid of any unwanted / needed areas of the image.

(ii)  Clone Tool

[2]

to replicate the image so you have an exact copy.

Examiner only



8. This question is about ICT, CAD, CAM, Systems and Processes. It is worth a total of 15 marks.

- (a) (i) Graphic designers use CAD packages to design items for different tasks. They can be categorised into the following groups below.

Read the tasks in the table and insert the name of the correct programme type.

Image Manipulation Vector Drawing Web Creation Page Layout

<i>Description</i>	<i>Type of Programme</i>
<ul style="list-style-type: none"> Used to draw logos. Works better for typesetting. [1]
<ul style="list-style-type: none"> This type of programme uses pixels or dots of colour. Sometimes called raster packages. [1]
<ul style="list-style-type: none"> Is a form of DTP. Allows multiple editors to develop a document at the same time. [1]

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.



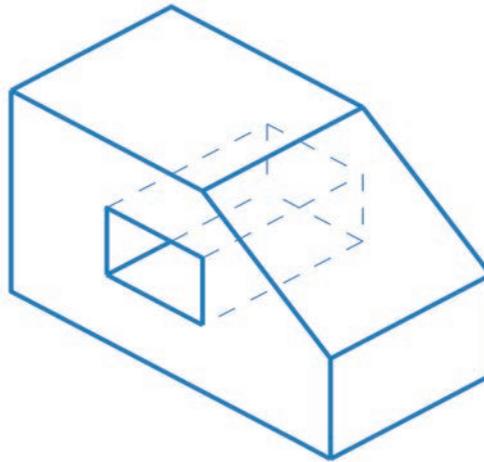
Format [1]

(b) Explain what the term 'duplex' means when associated with printing documents. [2]

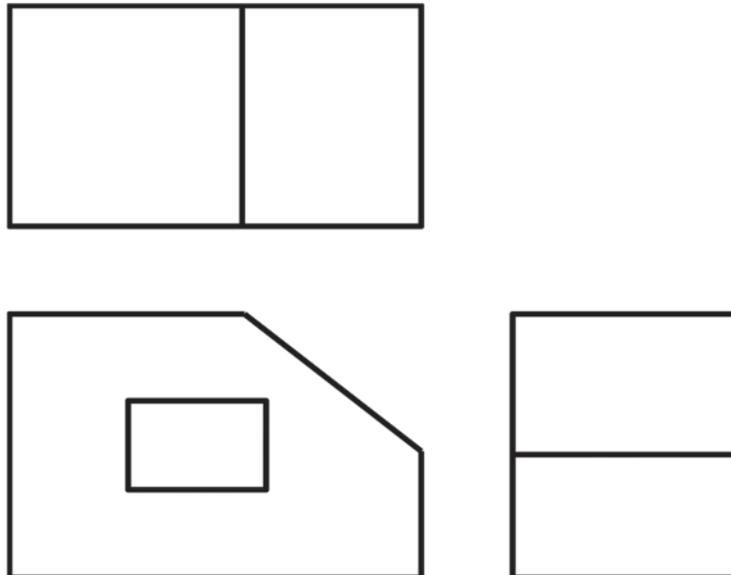
.....

.....

(c) Study the drawing below.

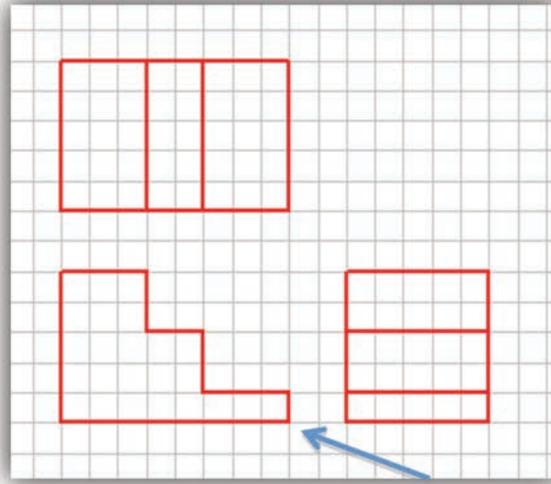


(i) Add the hidden detail to the orthographic drawing below. [2]

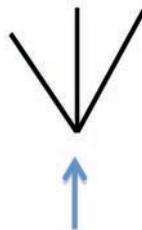


(ii) In the space below, draw the symbol that represents third angle projection. [2]

- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.) [5]

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POINT A

END OF PAPER

8. This question is about ICT, CAD, CAM, Systems and Processes. It is worth a total of 15 marks.

- (a) (i) Graphic designers use CAD packages to design items for different tasks. They can be categorised into the following groups below.

Read the tasks in the table and insert the name of the correct programme type.

~~Image Manipulation~~ ~~Vector Drawing~~ ~~Web Creation~~ Page Layout

<i>Description</i>	<i>Type of Programme</i>
<ul style="list-style-type: none"> • Used to draw logos. • Works better for typesetting. 	vector drawing [1]
<ul style="list-style-type: none"> • This type of programme uses pixels or dots of colour. • Sometimes called raster packages. 	image manipulation web creation [1]
<ul style="list-style-type: none"> • Is a form of DTP. • Allows multiple editors to develop a document at the same time. 	web creation image manipulation [1]

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.



HTML

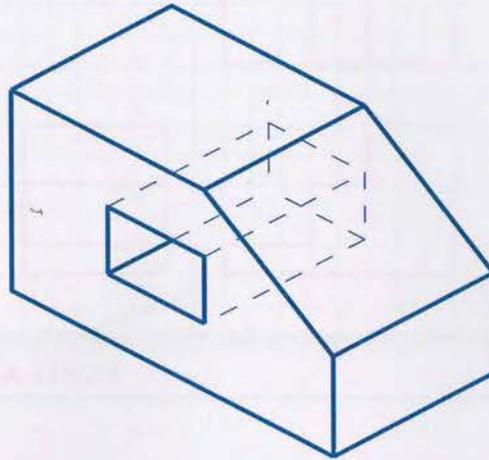
Format ~~HTML~~ ~~JPEG~~ [1]

(b) Explain what the term 'duplex' means when associated with printing documents.

[2]

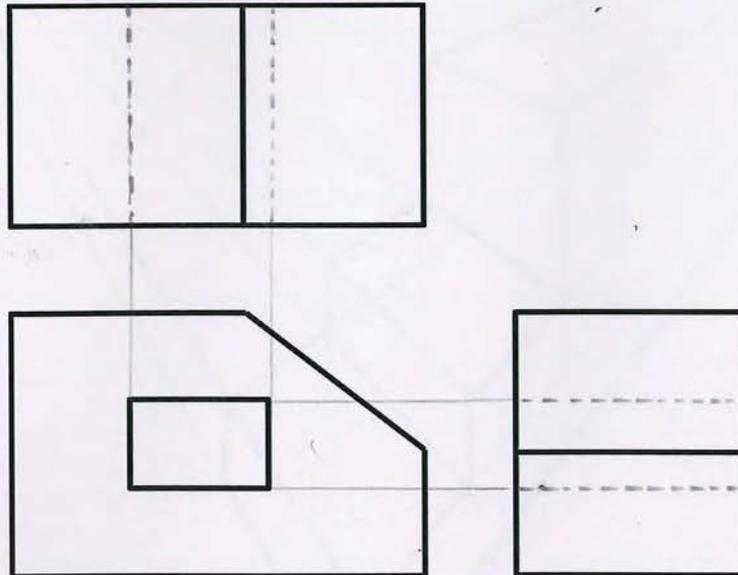
duplex means detailed. so detailed images are printed out.

(c) Study the drawing below.



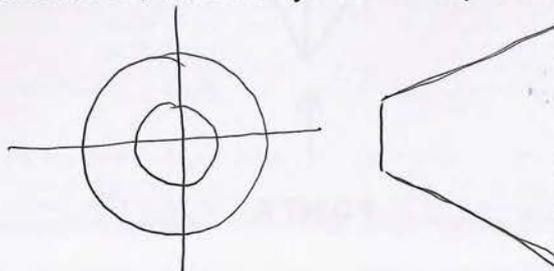
(i) Add the hidden detail to the orthographic drawing below.

[2]



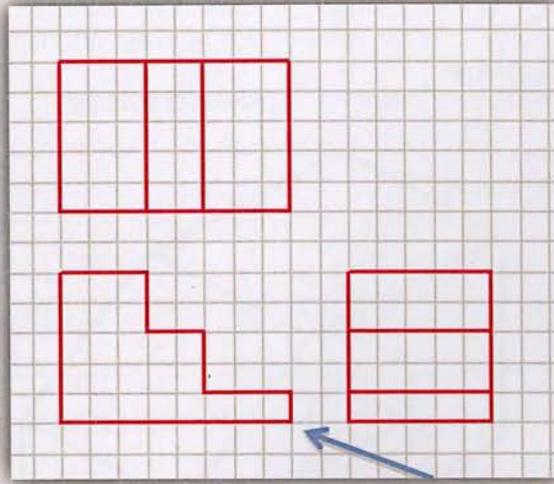
(ii) In the space below, draw the symbol that represents third angle projection.

[2]

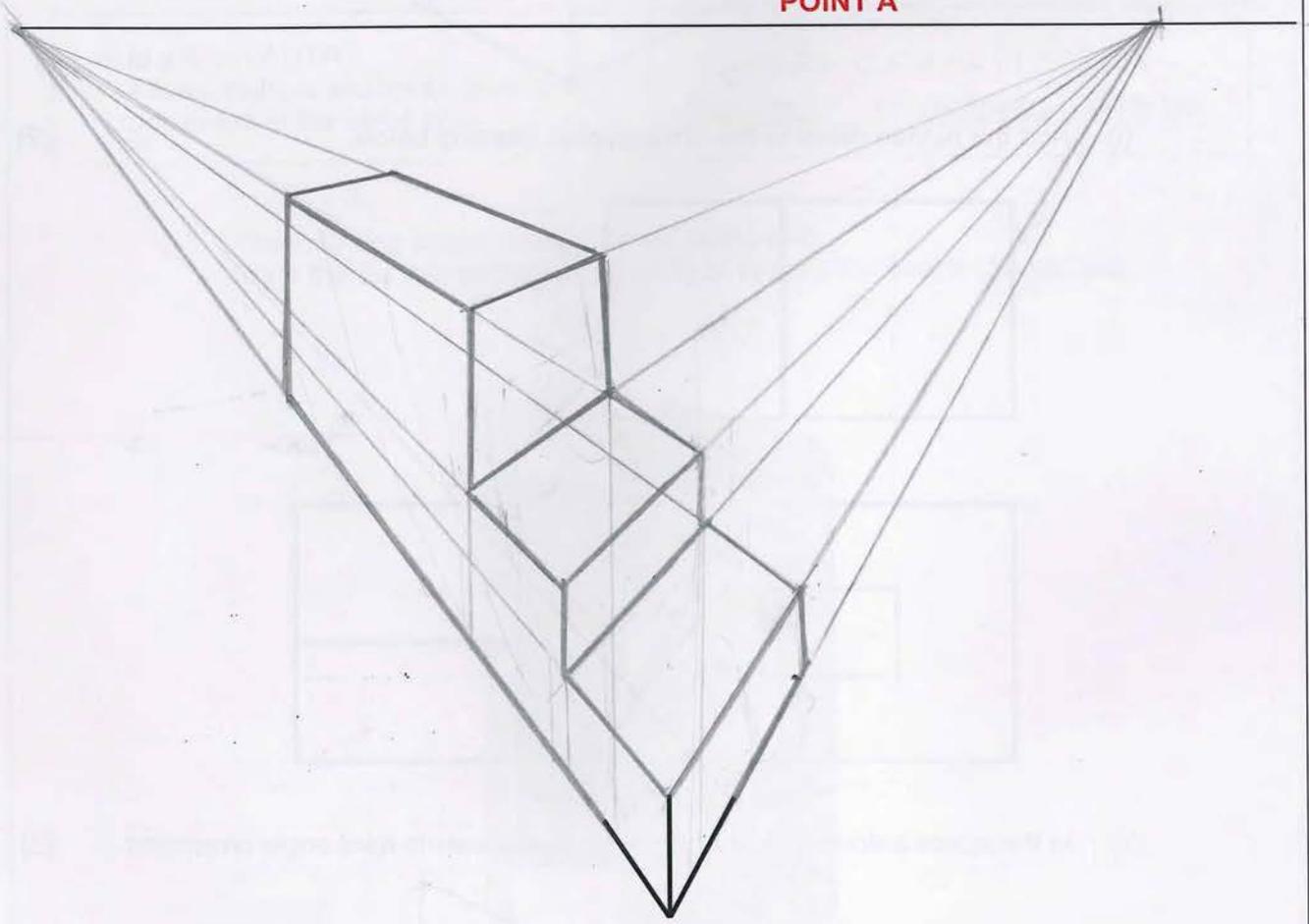


- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.) [5]

Examiner only



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POINT A

END OF PAPER

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Description	Type of Programme
<ul style="list-style-type: none"> Used to draw logos. Works better for typesetting. 	vector drawing [1]
<ul style="list-style-type: none"> This type of programme uses pixels or dots of colour. Sometimes called raster packages. 	image manipulation web creation [1]
<ul style="list-style-type: none"> Is a form of DTP. Allows multiple editors to develop a document at the same time. 	web creation image manipulation [1]

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.



HTML

Format ~~HTML~~ ~~PP~~ ~~PP~~ ~~PP~~ [1]

(b) Explain what the term 'duplex' means when associated with printing documents.

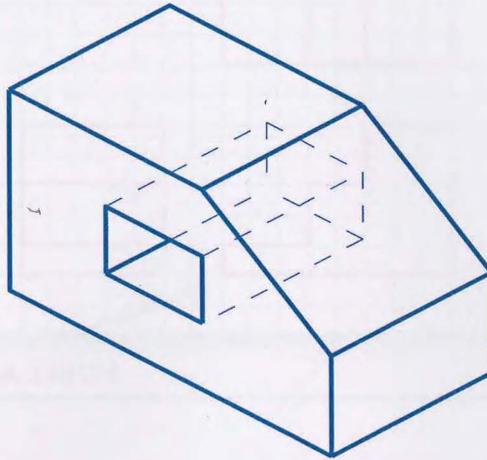
[2]

duplex means detailed. so detailed images are printed out.

Examiner only

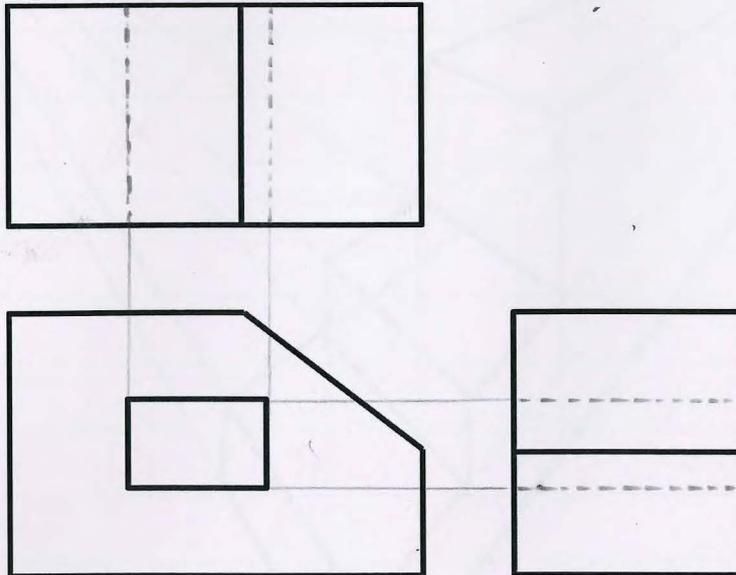


(c) Study the drawing below.



(i) Add the hidden detail to the orthographic drawing below.

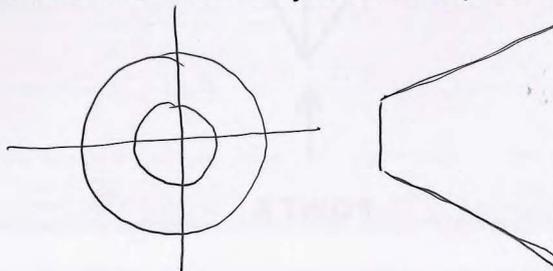
[2]



2

(ii) In the space below, draw the symbol that represents third angle projection.

[2]



1

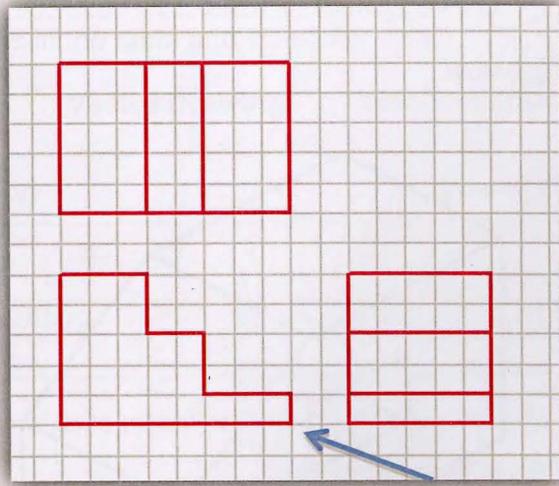


- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you.
(Leave all construction lines visible and estimate any sizes.)

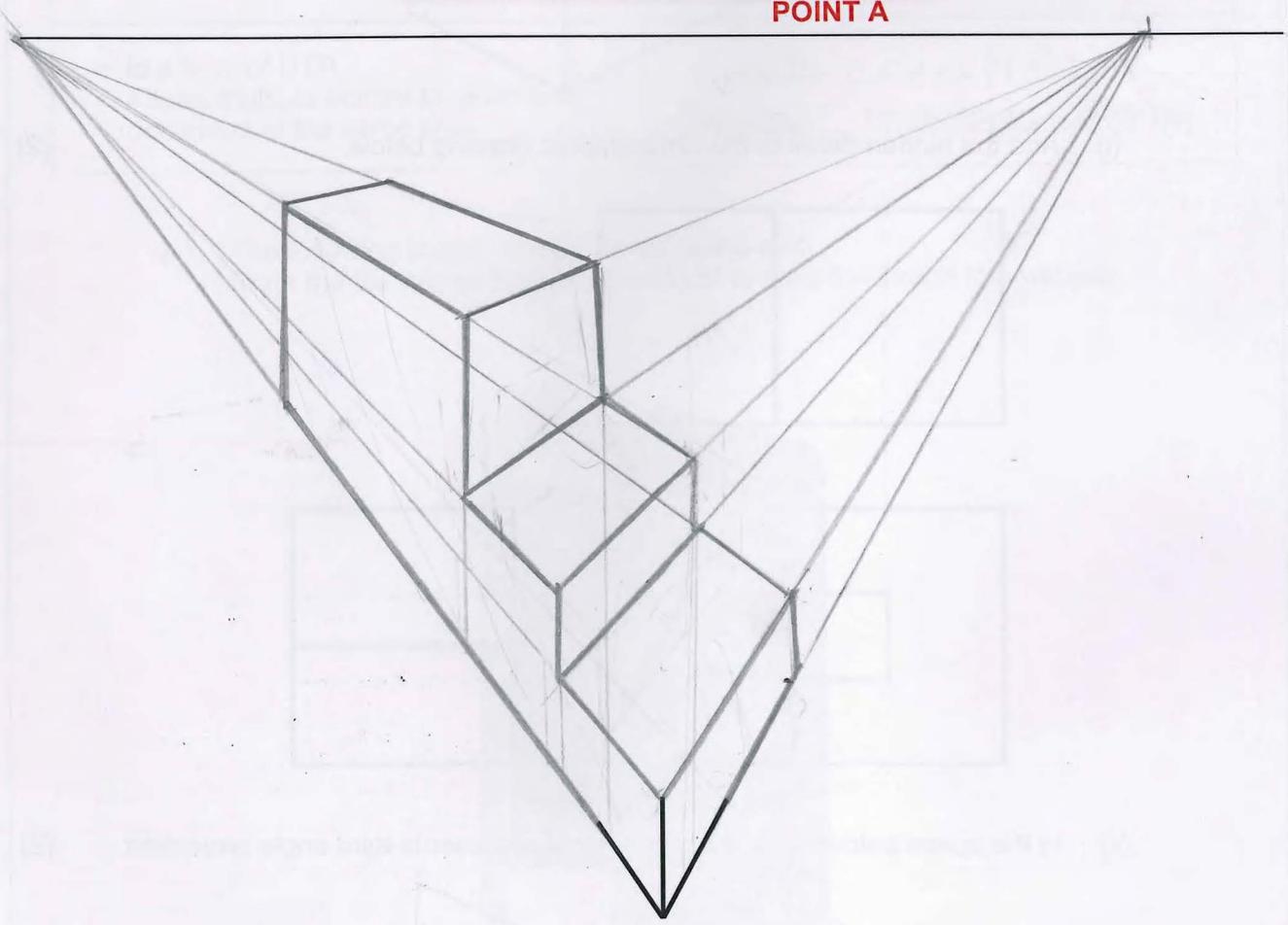
Examiner only

[5]

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8. This question is about ICT, CAD, CAM, Systems and Processes. It is worth a total of 15 marks.

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Read the tasks in the table and insert the name of the correct programme type.

Image Manipulation Vector Drawing Web Creation Page Layout

<i>Description</i>	<i>Type of Programme</i>
<ul style="list-style-type: none"> • Used to draw logos. • Works better for typesetting. 	<p>..... <i>Vector Drawing</i> [1]</p>
<ul style="list-style-type: none"> • This type of programme uses pixels or dots of colour. • Sometimes called raster packages. 	<p>..... <i>Image Manipulation</i> [1]</p>
<ul style="list-style-type: none"> • Is a form of DTP. • Allows multiple editors to develop a document at the same time. 	<p>..... <i>Page Layout</i> [1]</p>

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.

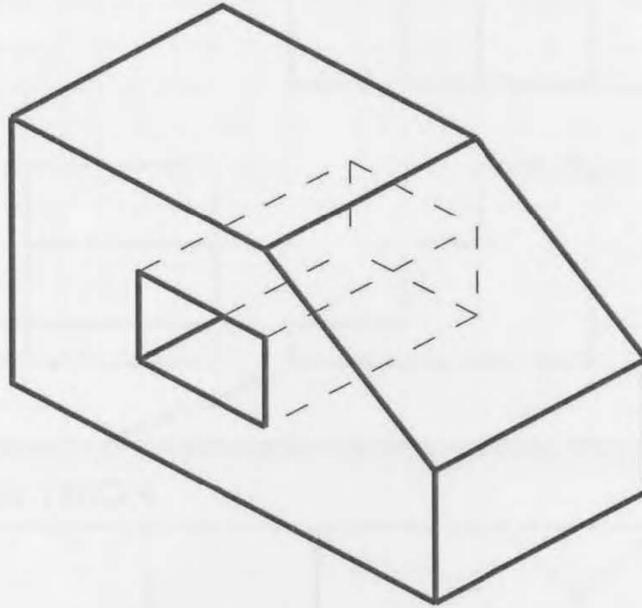


Format *JPEG* [1]

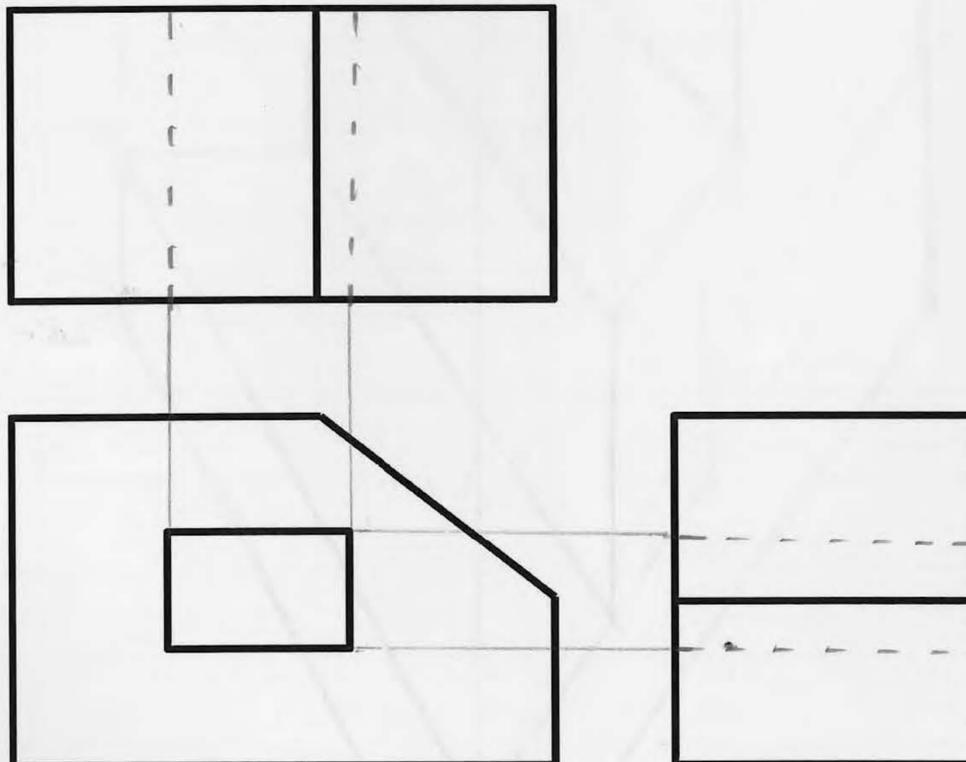
(b) Explain what the term 'duplex' means when associated with printing documents. [2]

Both sides can be printed onto.

(c) Study the drawing below.



(i) Add the hidden detail to the orthographic drawing below. [2]



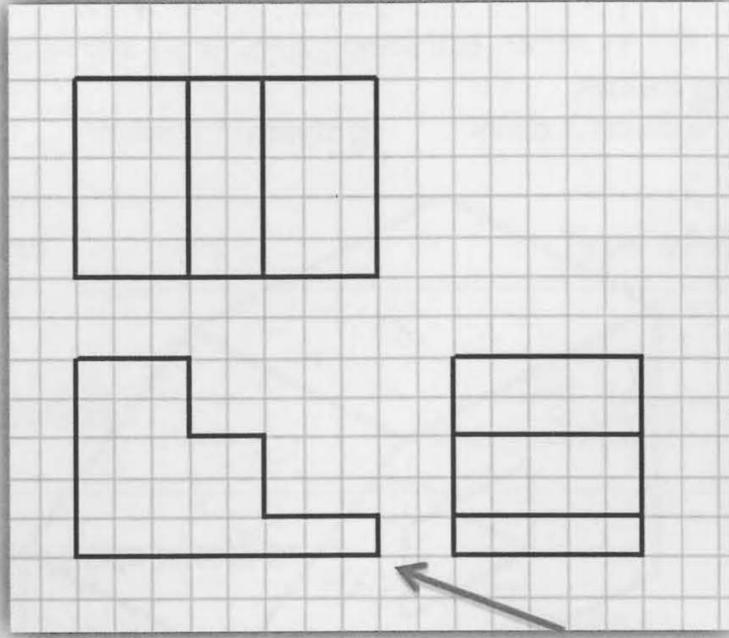
(ii) In the space below, draw the symbol that represents third angle projection. [2]



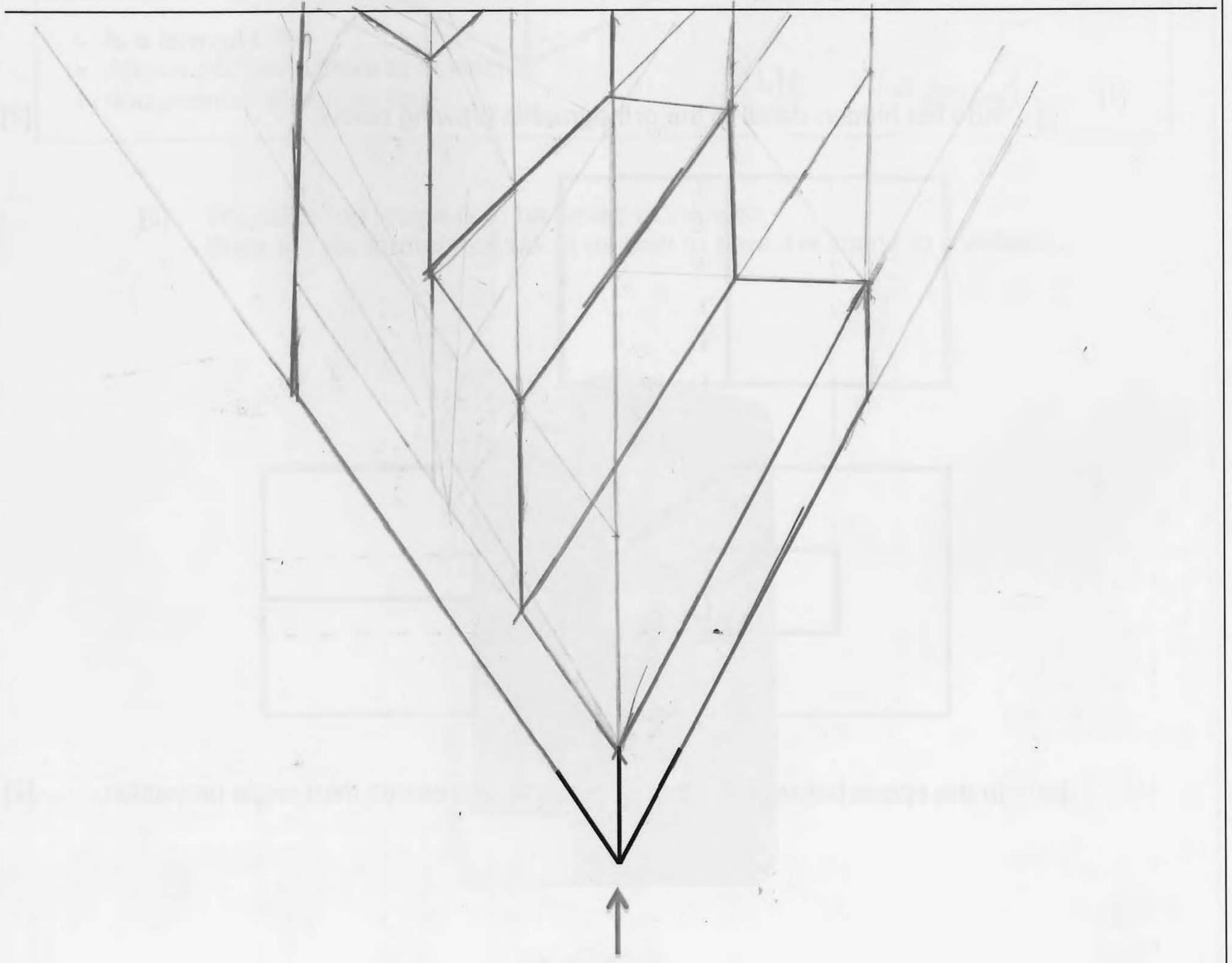
- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.)

Examine only

[5]



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POINT A

END OF PAPER

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<ul style="list-style-type: none"> • This type of programme uses pixels or dots of colour. • Sometimes called raster packages. 	<p>..... <i>Image Manipulation</i> [1]</p>
<ul style="list-style-type: none"> • Is a form of DTP. • Allows multiple editors to develop a document at the same time. 	<p>..... <i>Page Layout</i> [1]</p>

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.



Format *JPEG* [1]



(b) Explain what the term 'duplex' means when associated with printing documents. [2]

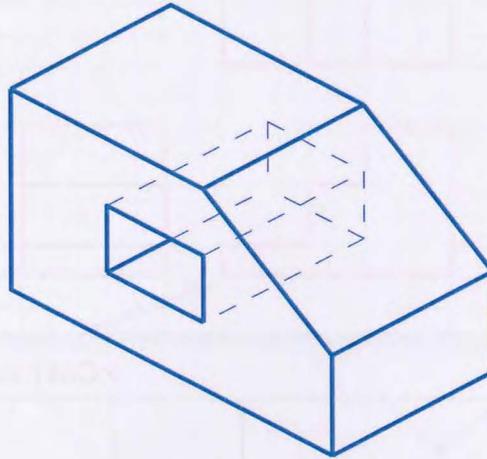
Both sides can be printed onto.

Examiner only

1

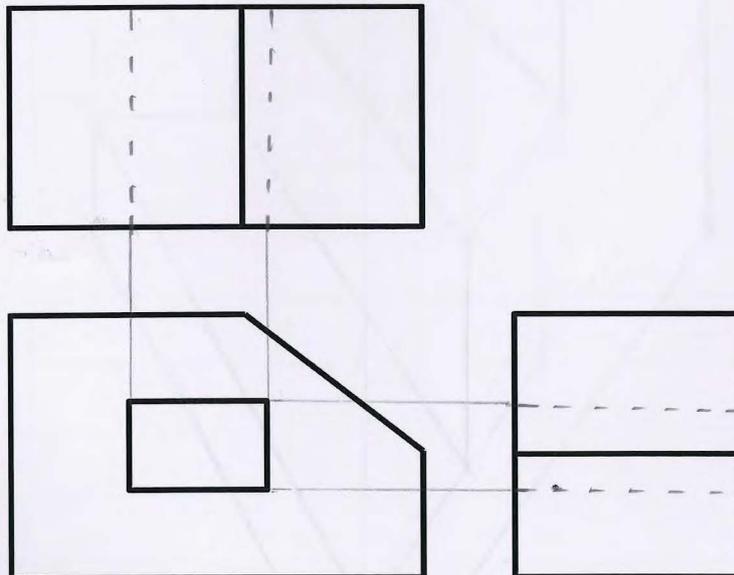


(c) Study the drawing below.



(i) Add the hidden detail to the orthographic drawing below. [2]

2



(ii) In the space below, draw the symbol that represents third angle projection. [2]

0

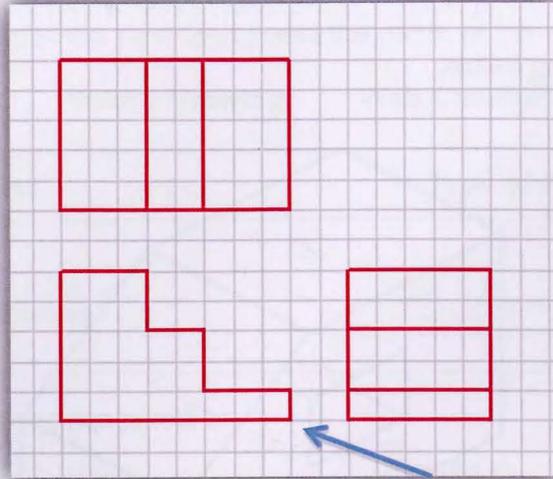


- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.)

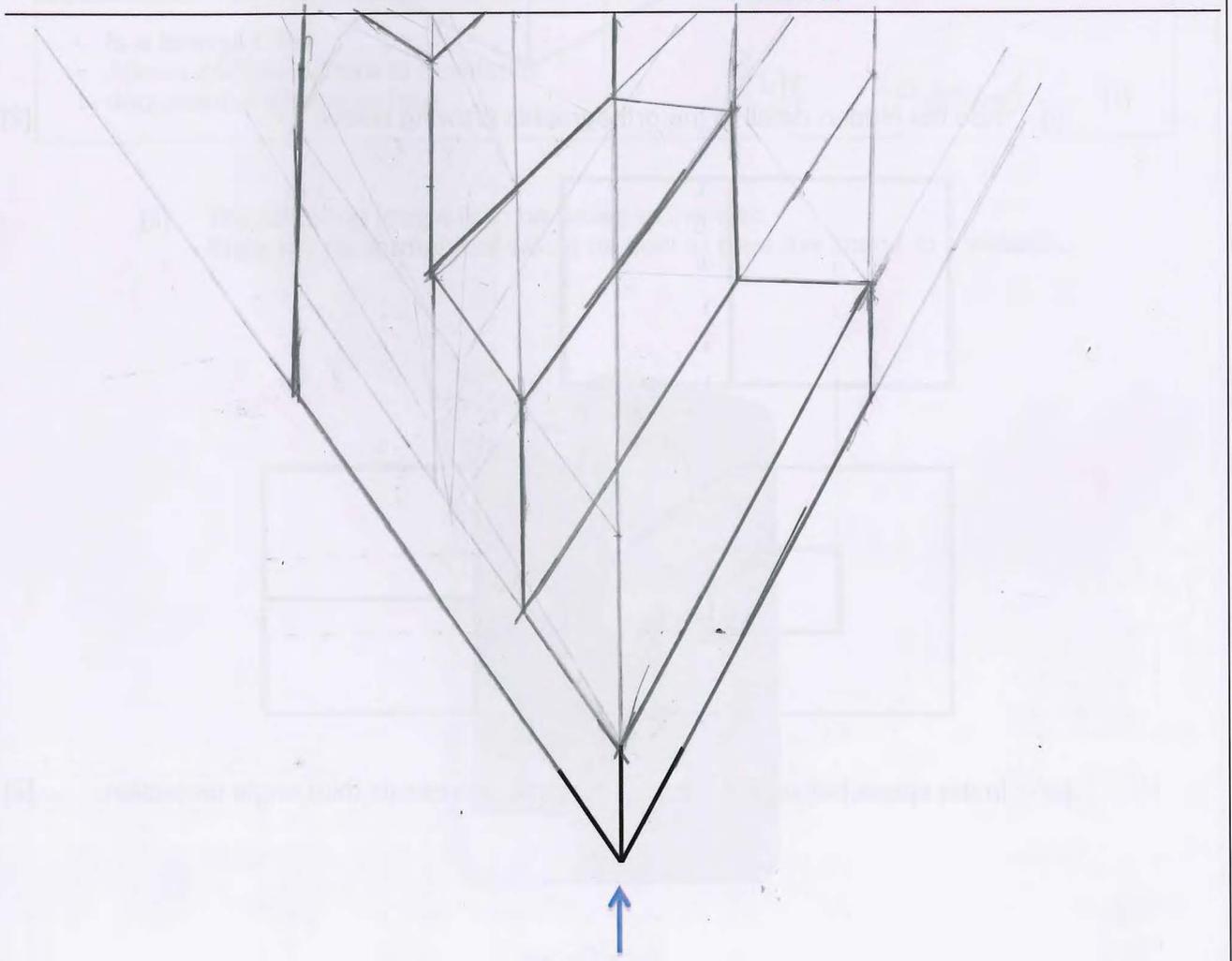
[5]

Examiner only

2



POINT A



POINT A

END OF PAPER

8

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Image Manipulation	Vector Drawing	Web Creation	Page Layout				
Description				Type of Programme			
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- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.

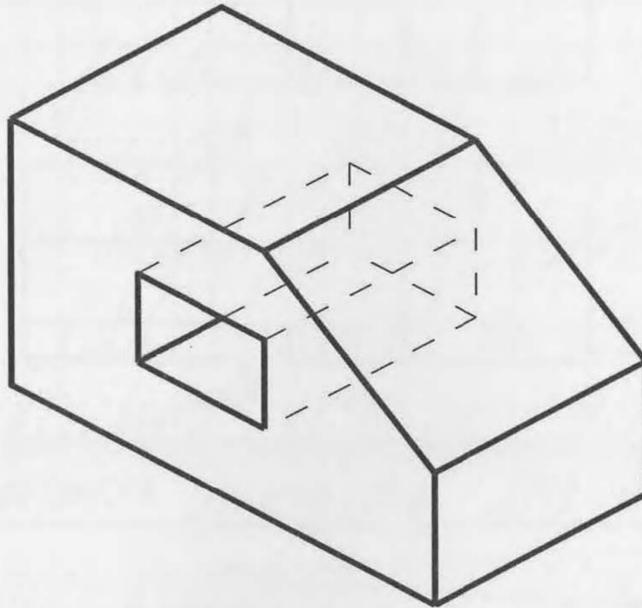


Format HTML / JPEG [1]

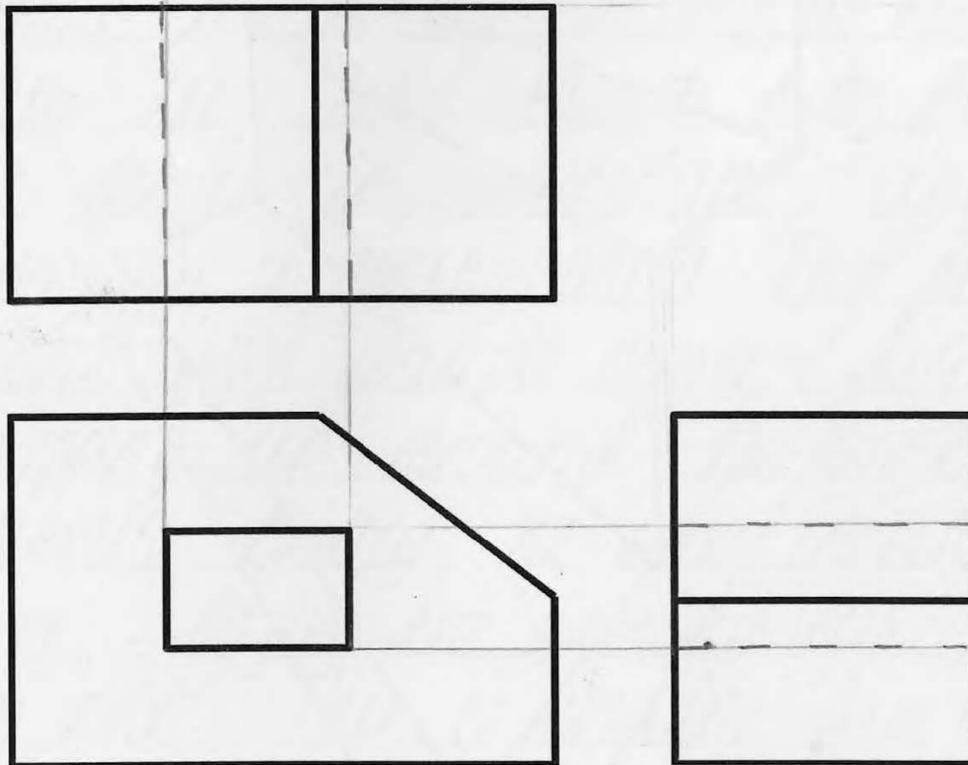
(b) Explain what the term 'duplex' means when associated with printing documents. [2]

When different textures, images are printed on both sides of the paper.

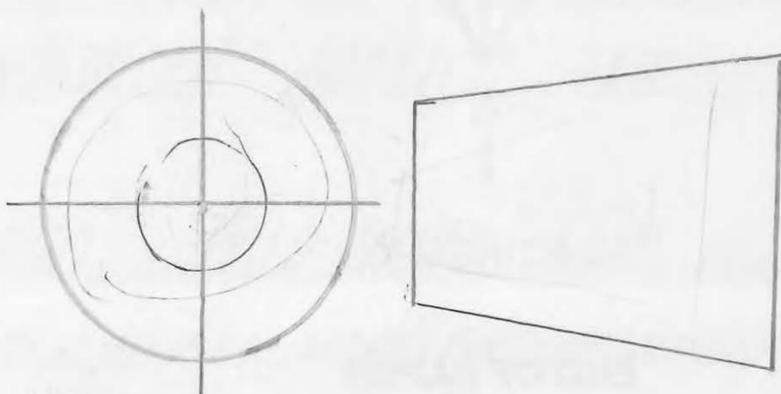
(c) Study the drawing below.



(i) Add the hidden detail to the orthographic drawing below. [2]

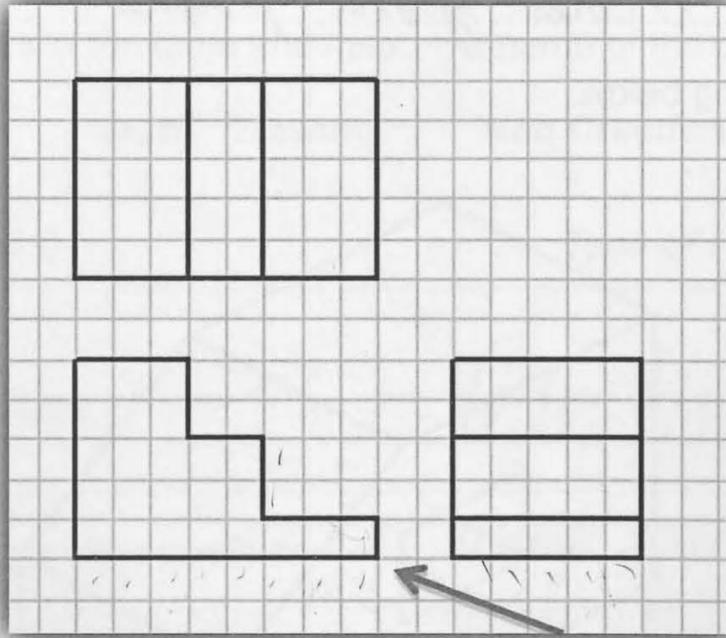


(ii) In the space below, draw the symbol that represents third angle projection. [2]

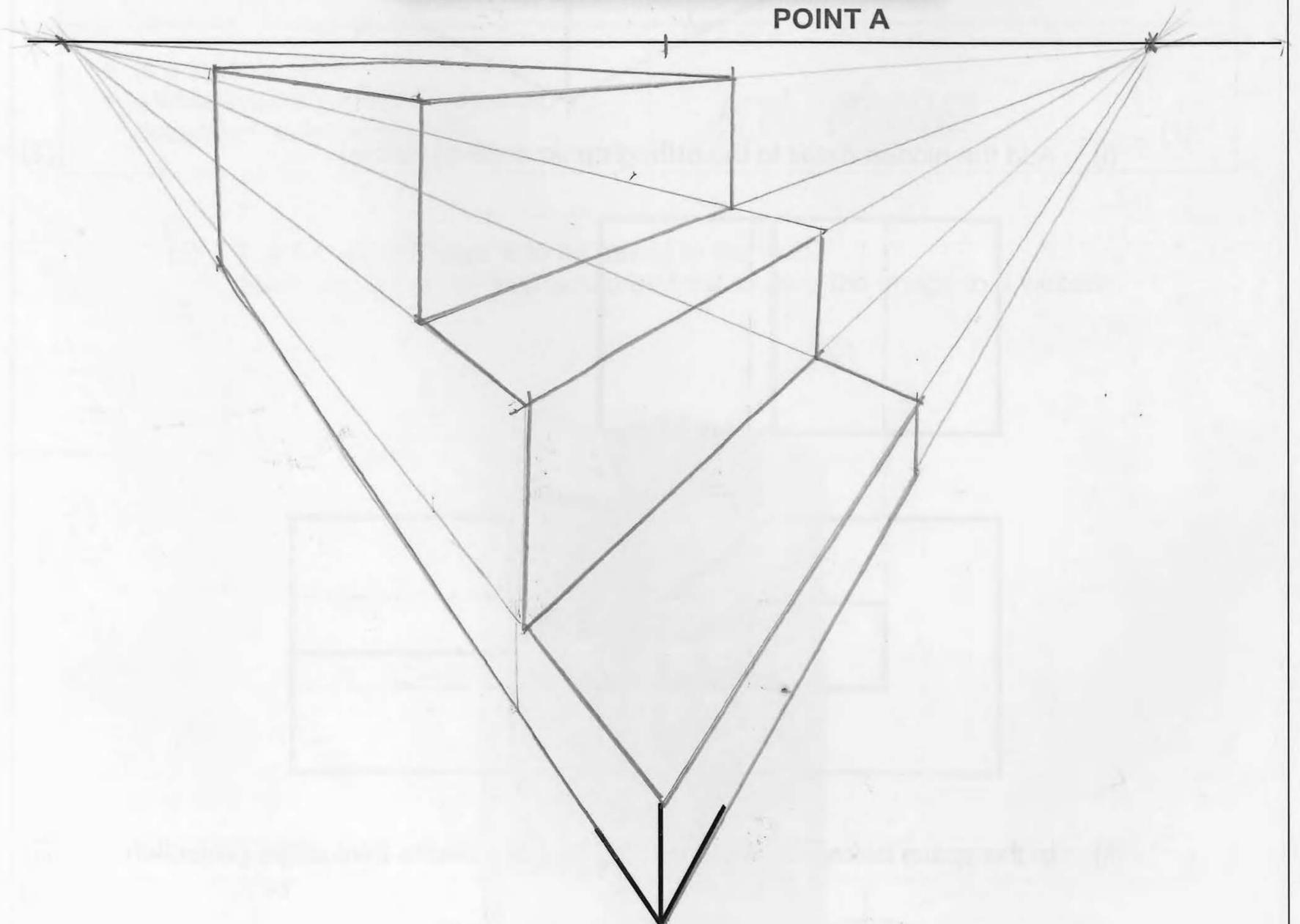


- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.) [5]

Examiner only



POINT A



POINT A

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<ul style="list-style-type: none"> Is a form of DTP. Allows multiple editors to develop a document at the same time. 	<p>web creation [1]</p>

- (ii) The following image is to be saved to the web. State the file format that would be best to save the image to a website.



Format HTML / Jpeg [1]

(b) Explain what the term 'duplex' means when associated with printing documents.

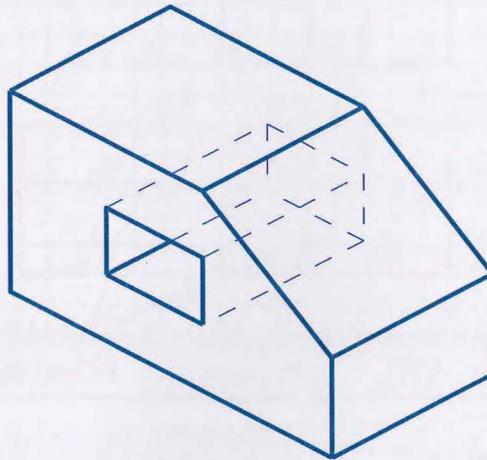
[2]

When different textures, images are printed on both sides of the paper.

Examiner only

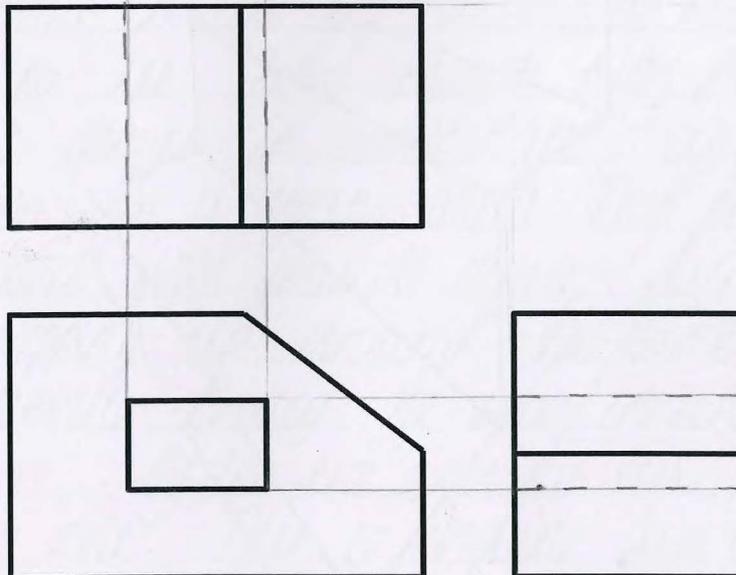


(c) Study the drawing below.



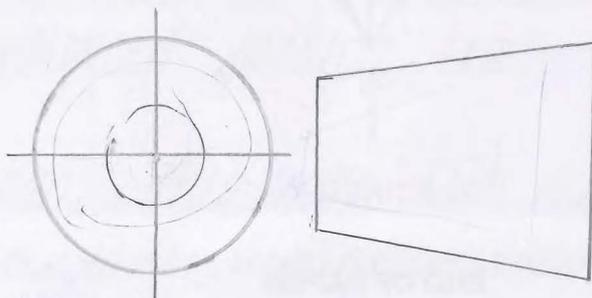
(i) Add the hidden detail to the orthographic drawing below.

[2]



(ii) In the space below, draw the symbol that represents third angle projection.

[2]



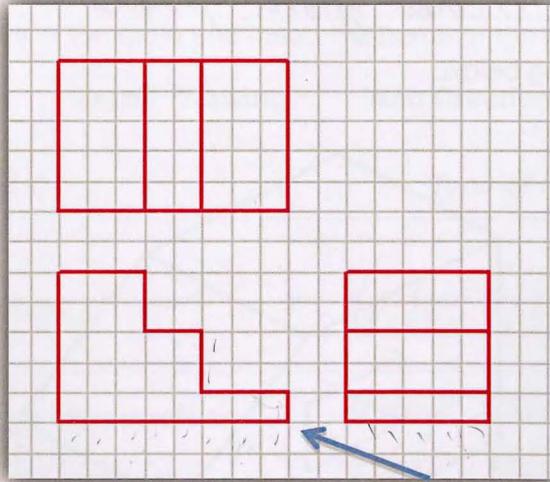
2

1

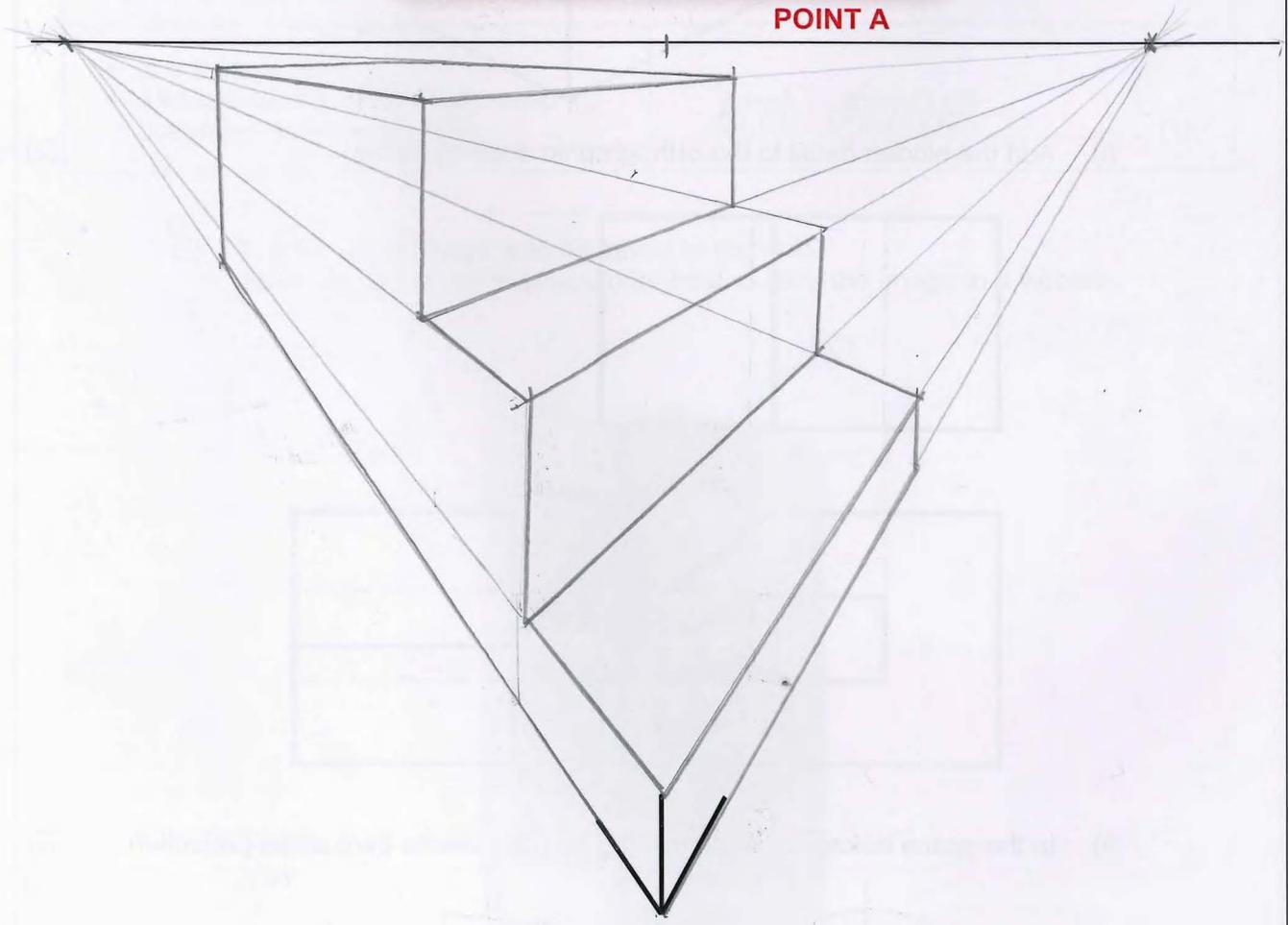


- (d) Study the Orthographic image below. Use drawing instruments to complete a two point perspective drawing of the shape. The drawing has been started for you. (Leave all construction lines visible and estimate any sizes.)

Examiner only
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