



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

A-level

DESIGN AND TECHNOLOGY: FASHION AND TEXTILES

Paper 2 Designing and Making Principles

Tuesday 10 June 2025

Morning

Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

- normal writing and drawing instruments
- a scientific calculator.

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 80.
- There are 30 marks for **Section A** and 50 marks for **Section B**.

For Examiner's Use	
Question	Mark
1	
2	
3	
4–5	
6	
7	
8	
9	
10–11	
TOTAL	



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Section A – Product Analysis

Answer **all** questions in this section.

0	1
---	---

Figure 1

Figure 2



0 1 . 1

Analyse the **style** of the clothing in **Figure 1** and **Figure 2** and evaluate their suitability for sleepwear.

[6 marks]

Turn over ►



0	1	.	2
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- Fibre content: silk
- Fabric structure: satin weave.

Analyse and evaluate the suitability of the fabric for sleepwear.

[6 marks]

[illegible]

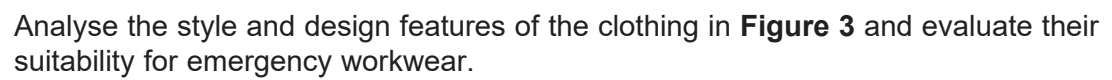
Analyse and evaluate the suitability of the fabric for sleepwear.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Turn over for the next question



Figure 3



This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Section B – Design and Commercial Manufacture

Answer **all** questions in this section.

0	4
---	---

Give **three** different ways that designers use mood boards to generate ideas for fashion and textiles products.

[3 marks]

1 _____

2 _____

3 _____

0	5
---	---

Explain how the iterative design process is used when developing a bespoke garment from design brief to final product.

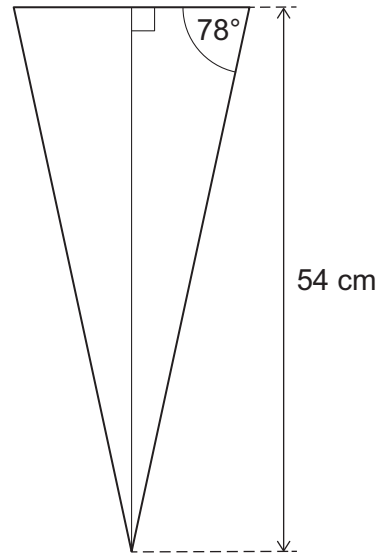
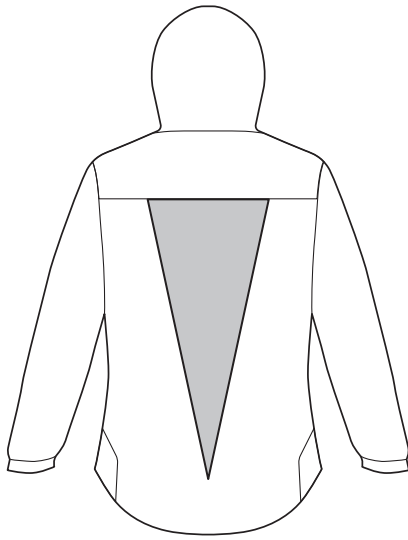
[6 marks]



0 6 . 1

Figure 5

Ski jacket and triangle template



not drawn to scale

The ski jacket in **Figure 5** features a reflective fabric triangle on the back.

The template is an isosceles triangle with base angle 78° and height 54 cm.

Calculate the area of reflective fabric required for the triangle.

[4 marks]

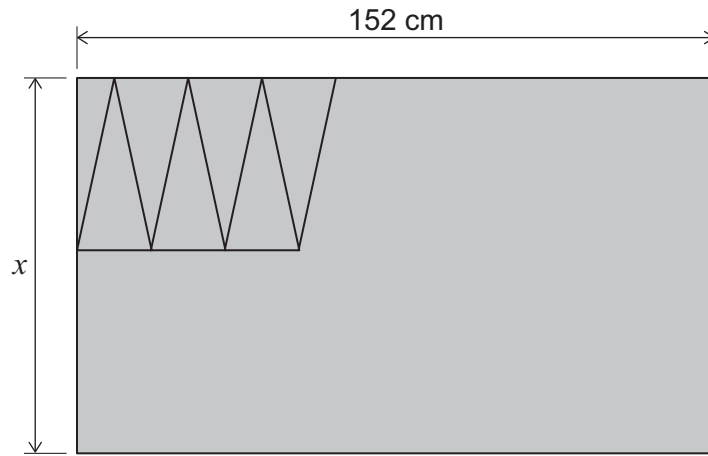
Answer _____ cm^2

Question 6 continues on the next page

Turn over ►



0 6 . 2

Figure 6**Fabric for triangles**

not drawn to scale

A batch of 1050 ski jackets is manufactured.

The reflective fabric for the triangles is 152 cm wide.

The triangles are placed on the fabric as shown in **Figure 6**.

Calculate the minimum length of reflective fabric (length x) needed to manufacture the batch of ski jackets.

[3 marks]

Answer _____ cm



0 6 . 3 A second batch of ski jackets is made.

The ski jackets are white, orange or yellow.

144 white ski jackets are made.

The different colours are made in the following ratio:

2	:	7	:	1
white		orange		yellow

How many **more** orange than yellow are made?

[3 marks]

0 6 . 4 In a third batch of the ski jackets, the reflective fabric is replaced by a photochromic fabric.

State the meaning of the term photochromic.

[1 mark]

Turn over for the next question



[9 marks]

[illegible]

9



0 8

Give **three** different reasons why toiles are used in fashion design.**[3 marks]**

Reason 1 _____

Reason 2 _____

Reason 3 _____

3

0 9

Explain how Vivienne Westwood challenged the boundaries in fashion.

Give examples of specific fashion collections and garments in your answer.

[9 marks]

Turn over ►

1	0
---	---

Explain different ways that waste can be reduced in the manufacture of **knitted** products.

[6 marks]



1	1
---	---

Give **three** different quality assurance processes that minimise faults in the **manufacture** of textile products.

[3 marks]

1 _____

2 _____

3 _____

9

END OF QUESTIONS



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ANSWER IN THE SPACES PROVIDED**



[illegible]

[illegible]

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