

FORM 3

TEXTILES STUDIES

TIME: 1h 30min

Name: _____

Class: _____

1. The pictures below show three tie-dyed cushions.



- a) List **four** pieces of equipment that are needed for tie-dye.

(4 marks)

- b) The following are the steps that need to be followed to tie dye fabric. Arrange the following steps in the correct order.

Step Number	Description
	Rinse fabric in cold water and salt until clear.
	Iron fabric and tie according to your design.
	Hang to dry. Iron well.
1	Collect equipment.
	Place fabric in boiling water and leave to boil for about 30 minutes.
	Boil water. Dissolve dye with salt in a jug with hot water. Pour mixture into boiling water.

(5 marks)

- c) When dyeing fabric, it is important to know the fibre content. Explain why it is important to know the fibre content.

- _____
- _____

(2 marks)

d) Name **one** fibre that can be dyed easily. _____

e) State the reason why the majority of dyes today are synthetic dyes.

Reason: _____

(2 marks)

f) Dyes are fixed for colour fastness. Complete the following sentences to explain how different dyes are usually fixed for colour fastness.

- When using cold water dye, _____ or _____ can be used for colour fastness.
- When using hot water dye, _____ is used for colour fastness.

(3 marks)

g) Fruit, vegetables and other items can be used to colour fabrics. These are called natural dyes.

Name **three** other natural dyes that can be used to colour fabric.

- _____
- _____
- _____

(3 marks)

h) Give **one** advantage and **one** disadvantage of using natural dyes to colour fabrics.

Advantage: _____

Disadvantage: _____

(4 marks)

i) Name **two** other methods of colouring fabrics. *An example has been given.*

- Stencilling
- _____
- _____

(2 marks)

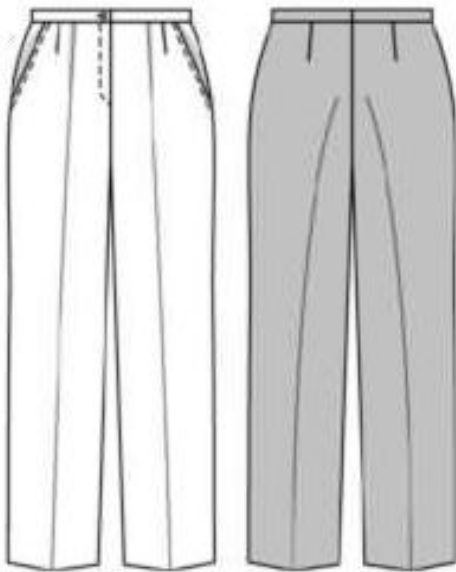
j) Name **three** safety rules to be followed when dyeing fabrics. *An example has been given.*

- Wear protective clothing.
- _____
- _____
- _____

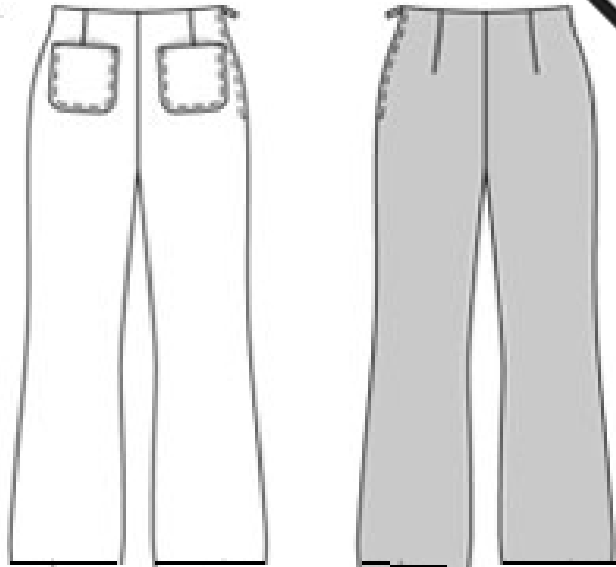
(3 marks)

2. Study the sketch of these trousers and answer the following questions:

Sketch A



Sketch B



a) Choose **one** of the above sketches and label **three** fashion features. (3 marks)

b) Name **three** basic measurements that need to be taken before choosing a pattern for a pair of trousers.

- _____
- _____
- _____

(3 marks)

c) Draw and name **three** basic pattern pieces that are usually required to make trousers.

i. Name: _____	ii. Name: _____	iii. Name: _____

(3 marks)

- d) Using the pattern pieces shown in c), draw the pattern layout. The fabric is 150 cm

(3 marks)

- e) Name and draw **three** pattern markings that are usually found on a pattern of a pair of trousers.

i. Name: _____

ii. Name: _____

iii. Name: _____

(3 marks)

- f) Name **three** haberdashery items needed to make a pair of trousers.

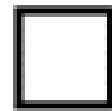
- _____
- _____
- _____

(3 marks)

- g) The fabric of the trousers in Sketch B is made from denim twill weave.

- i. Draw a care label that can be attached to this denim trousers.

Water temperature →



← Tumble drying

Bleaching symbols →



← Ironing

(4 marks)

- ii. From the list below, choose **two** suitable properties of denim fabric that make it suitable for this pair of trousers. For each property justify your answer.

waterproof easy to wash flame resistant strong drapes well

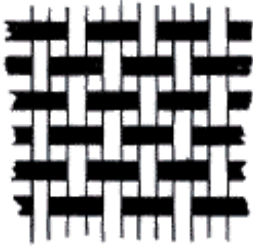
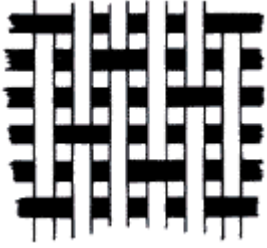
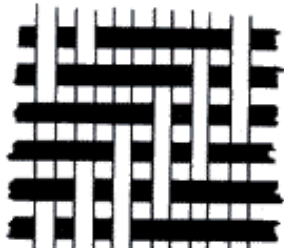
Property 1: _____ (1 mark)

Reason: _____ (2 marks)

Property 2: _____ (1 mark)

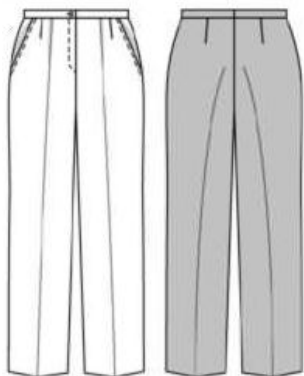
Reason: _____ (2 marks)

- iii. The following are different types of weaves. Place the correct name of weave under the correct picture: **Satin weave, Twill weave, Plain weave**

		
Name of weave: _____	Name of weave: _____	Name of weave: _____

(3 marks)

- h) Which method of disposing of fullness is used on this pair of trousers? Draw its symbol.



Name of disposing of fullness: _____ (1 mark)

Symbol:



(1 mark)

- i) Name and draw **two** other methods of controlling fullness.

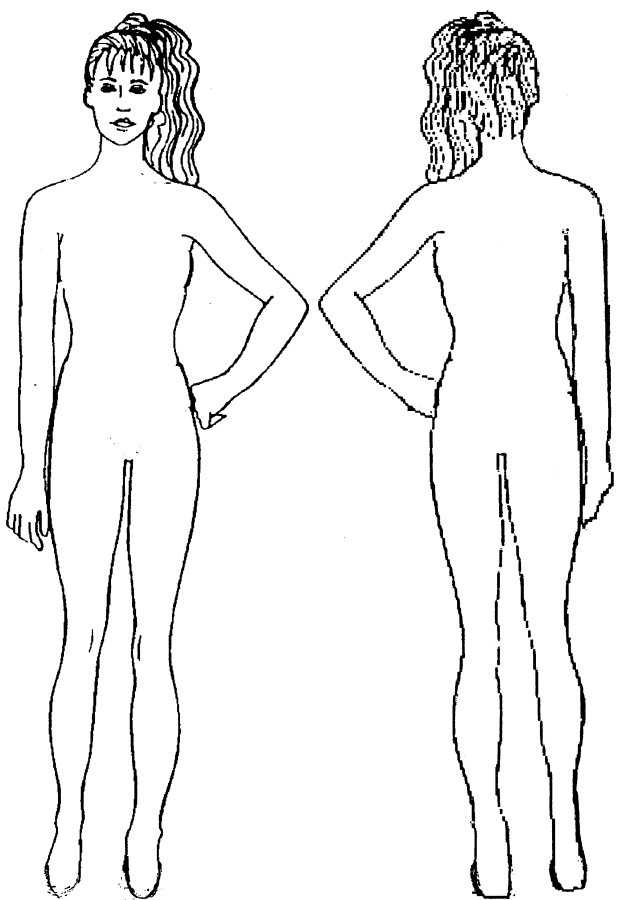
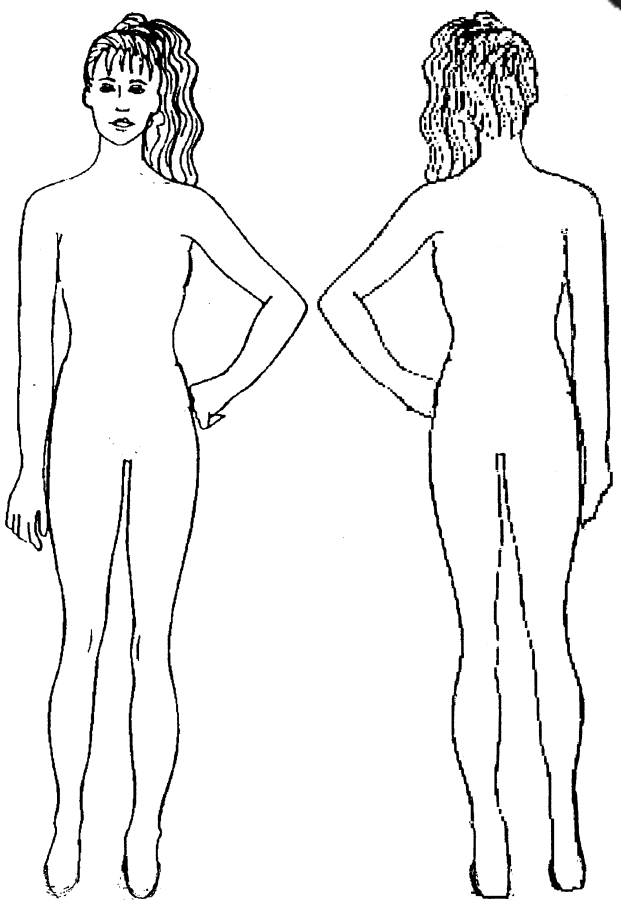
Controlling fullness 1	Controlling fullness 2
Name: _____	Name: _____

(2, 2 marks)

- j) Your new pair of trousers was washed and the colours of the trousers ran. List **two** actions which you, as a consumer, can take to solve this problem. *An example has been given.*

- Take the garment back to the shop and ask for refund or exchange.
- _____
- _____ (2 marks)

- k) Using the templates provided below, sketch **two** different outfits for different occasions. Do not use the sketches of trousers given in question 2a.

Outfit A	Outfit B
	
Occasion 1: _____	Occasion 2: _____

(2, 2 marks)

1. Label **two** fashion features of each sketch.

(1, 1 marks)

2. Suggest a colour scheme for each outfit.

Colour scheme for outfit A: _____

(1 mark)

Colour scheme for outfit B: _____

(1 mark)

3. Design and draw **three** different accessories which can be worn with one of the outfits drawn above.

<p style="text-align: center;">Name of accessory 1:</p> <p>_____</p> <div style="height: 150px; border: 1px solid black;"></div>	<p style="text-align: center;">Name of accessory 2:</p> <p>_____</p> <div style="height: 150px; border: 1px solid black;"></div>	<p style="text-align: center;">Name of accessory 3:</p> <p>_____</p> <div style="height: 150px; border: 1px solid black;"></div>
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(3 marks)

3. Fabric properties, such as those listed below, are important when choosing material products.

Absorbent
Crease resistant

Durable
Flame resistant

Breathable
Stain resistant



From the list above, choose a different fabric property for each of the following products. Explain why that fabric property is important for the product.

- i. Children's pyjamas

Fabric property _____

Important to textile item _____



- ii. Aerobics outfit

Fabric property _____

Important to textile item _____



- iii. Bath towel

Fabric property _____

Important to textile item _____



- iv. Shirt

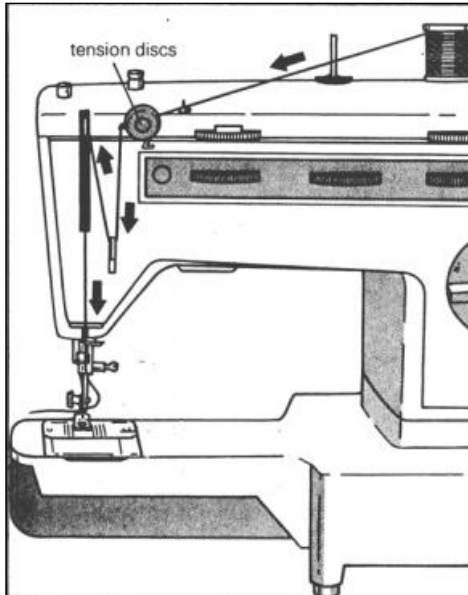
Fabric property _____

Important to textile item _____

(2, 2, 2, 2 marks)

4. Anne bought a new sewing machine for her new home.

- a) Anne does not know how to thread the sewing machine correctly. To guide her, she found a diagram of how to thread the sewing machine on the manual provided. Help Anne thread correctly the sewing machine by filling in the following steps using the words provided below.



tension disk

thread holder

thread hole

take up lever

thread guide

- Place a spool of thread in the _____ .
- Thread goes through the _____ .
- Pass thread through the _____ .
- Then take thread to the _____ .
- Finally pass thread into the _____ .

(5 marks)

- b) Explain the use of the following **three** ironing tools that Anne needs to have in her new home.

Name	Use
• Ironing board	_____
• Sleeve board	_____
• Pressing cloth	_____

(3 marks)

- c) Anne needs to be aware of how to take care of electrical equipment and this applies to irons, sewing machines and all other electrical sewing aids. List **five** points about how to take care of electrical equipment to keep them safe to use. *An example has been given.*

- Do not twist wires or flexes tightly as this may break them.
- _____
- _____
- _____
- _____
- _____

(5 marks)