

**Paper Reference(s) 9DT0/01**  
**Pearson Edexcel Level 3 GCE**

Total Marks

**Design and Technology**  
**(Product Design)**  
**Advanced**  
**Component 1**

**Friday 12 June 2020 – Morning**

**Time: 2 hours 30 minutes plus your  
additional time allowance**

**DIAGRAM BOOKLET**

**YOU MUST RETURN THE  
DIAGRAM BOOKLET WITH THE  
QUESTION PAPER**

**V62001A**

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

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**12     Question 6(e) (Spare copy)**

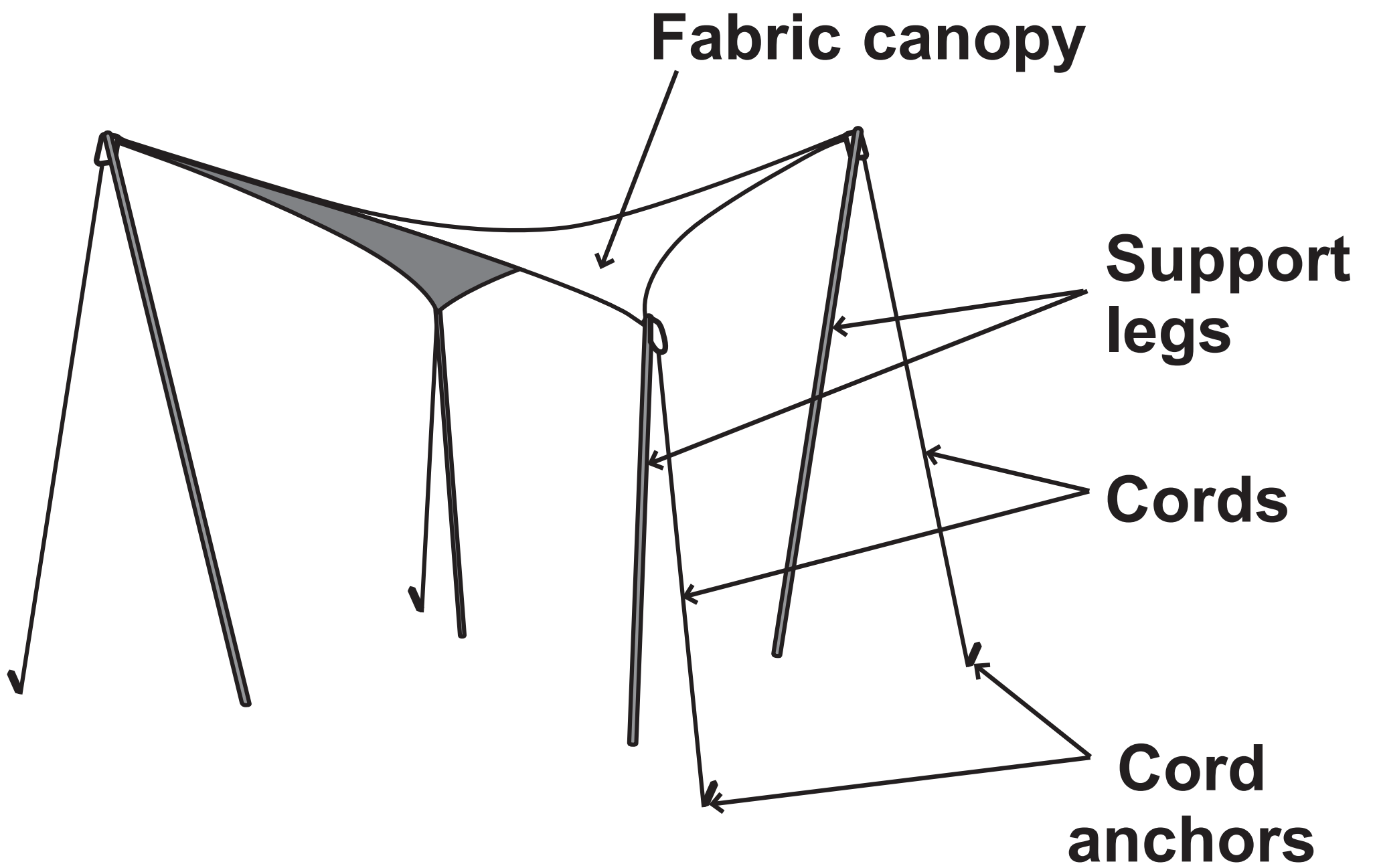
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# Question 1

**FIGURE 1**



## Question 2

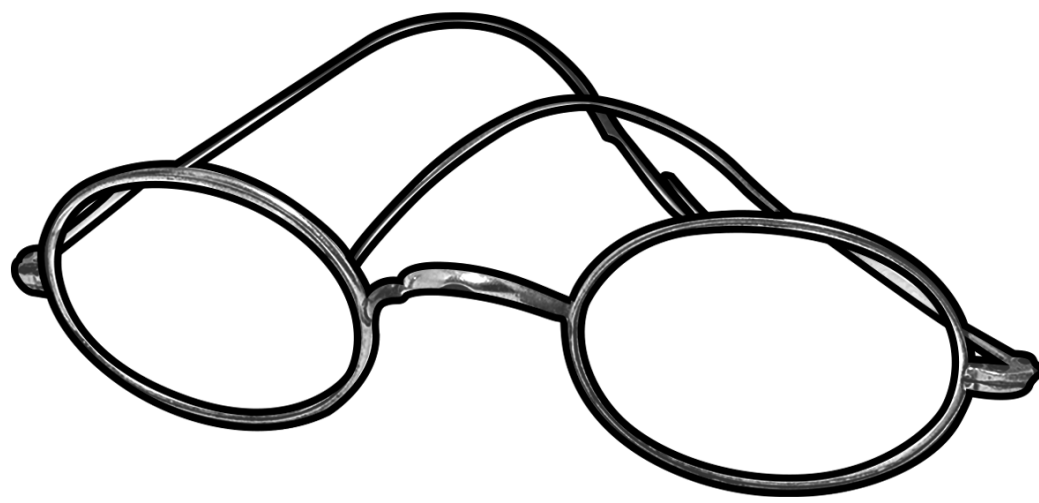
### FIGURE 2



**Question 2(b)****FIGURE 3**

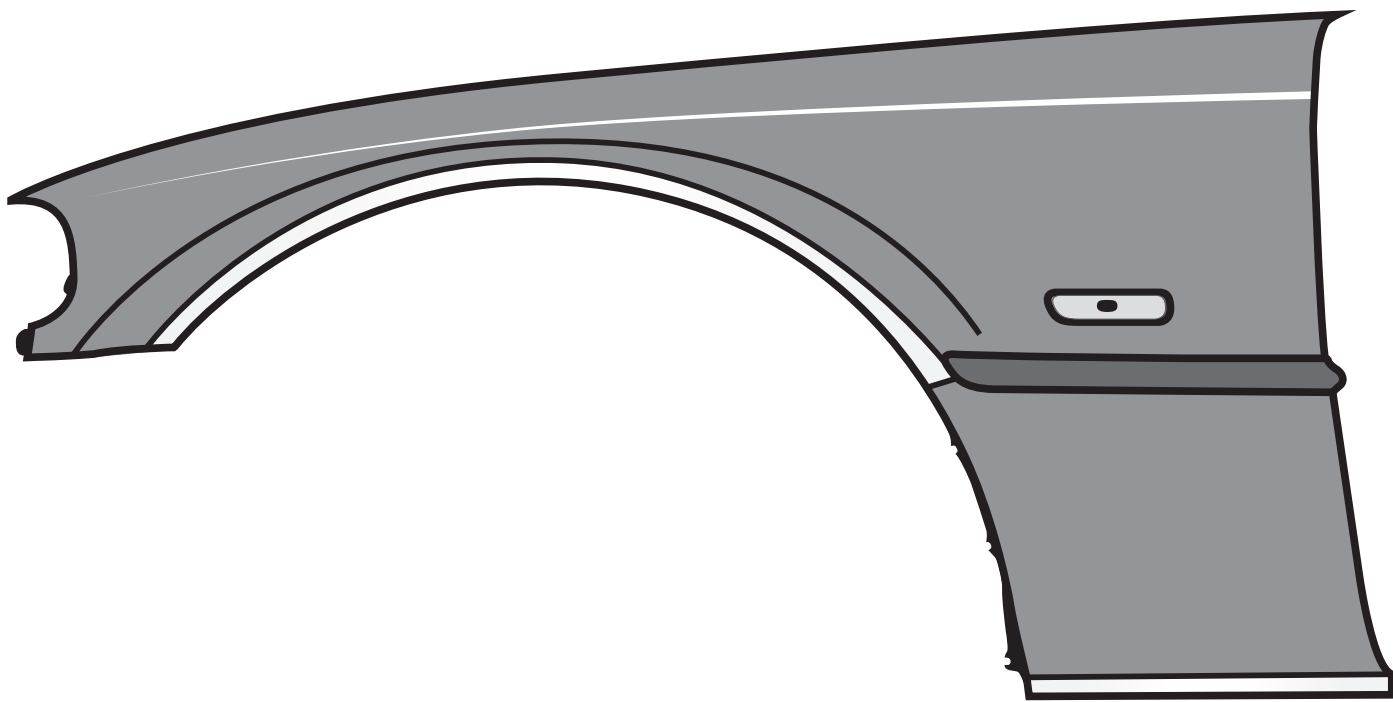
## Question 3(b)

**FIGURE 4**



## Question 4

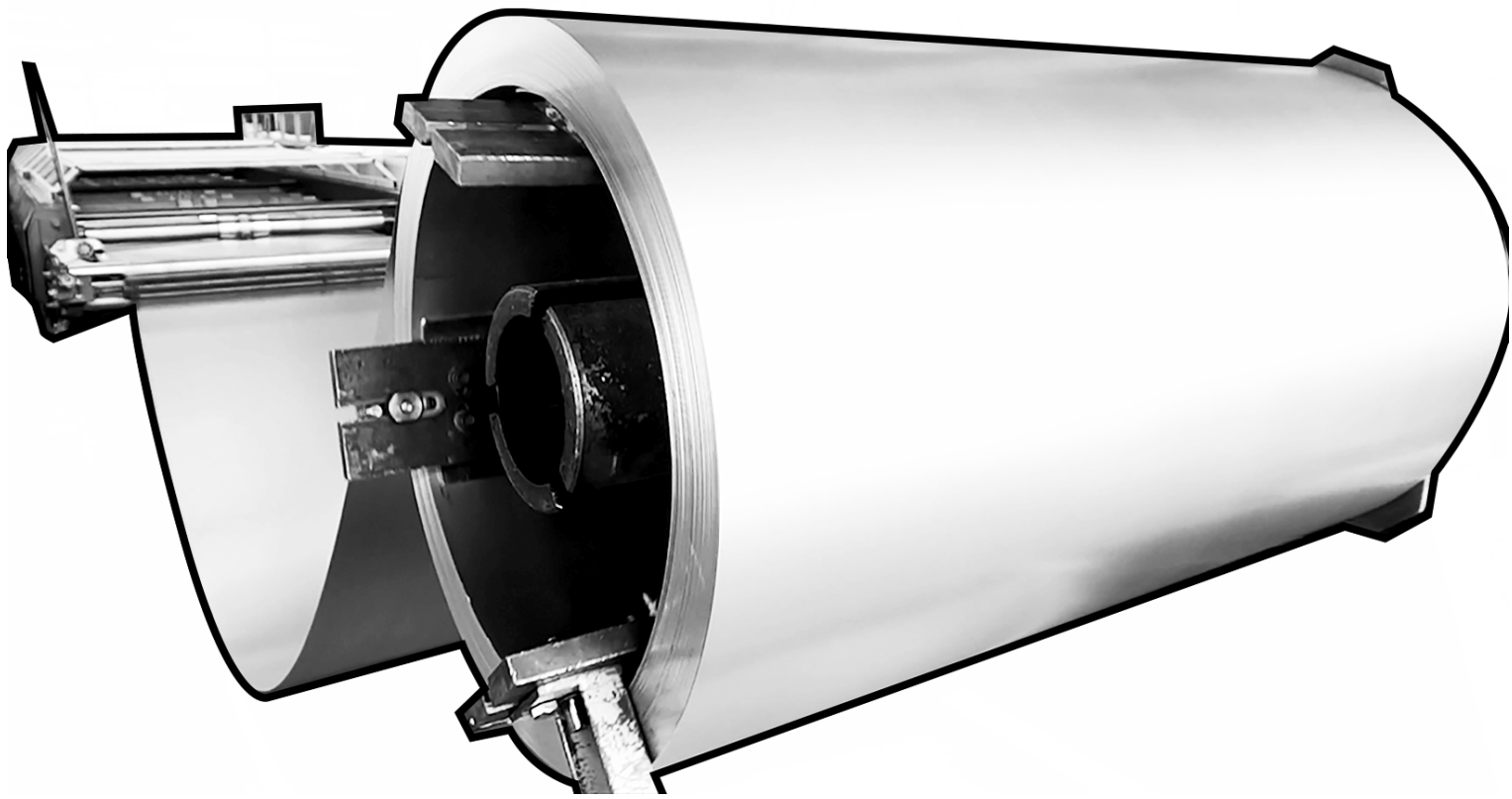
**FIGURE 5**





## Question 4(b)

**FIGURE 6**



Question 4(d)

FIGURE 7

Failure load in Newtons (N)	Number of failures
380	3
390	9
400	6
410	4
420	3

### Question 6(e)

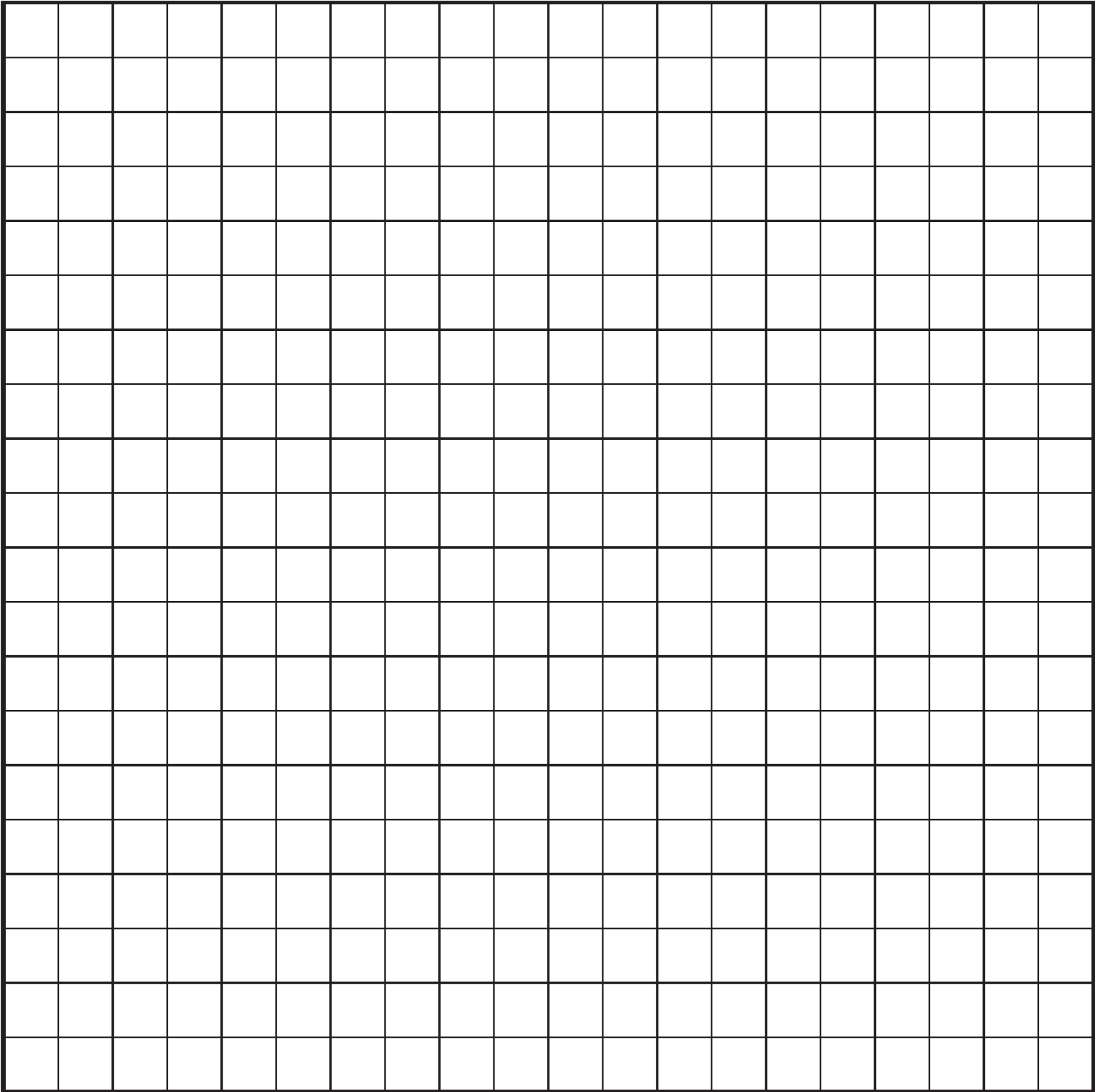
# Temperature

[illegible]

# Time

Question 6(e) (Spare copy)

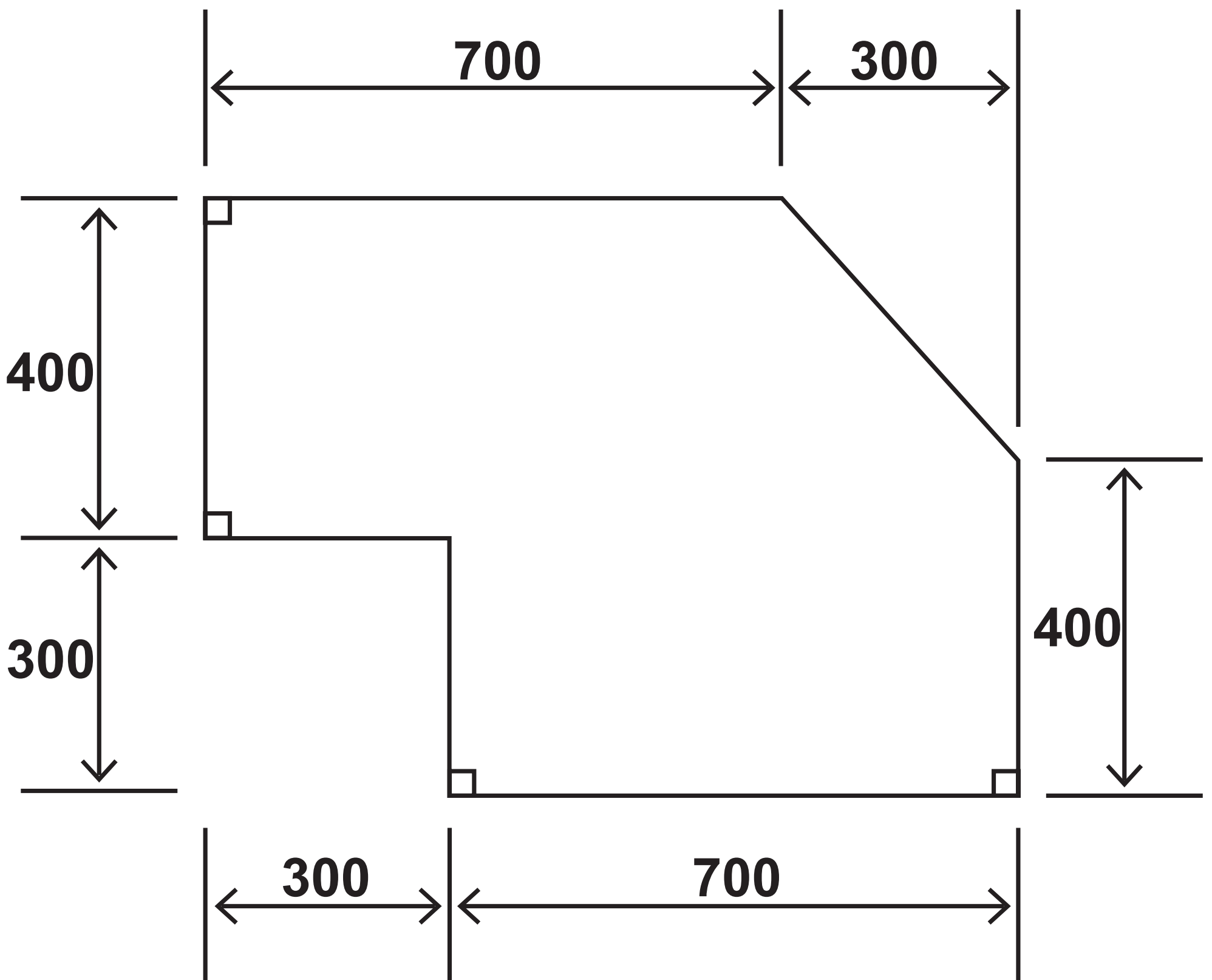
Temperature



Time

## Question 7

FIGURE 9



All dimensions in mm

## Question 8

FIGURE 10



## Question 10

### FIGURE 11

**Specification:**

**Main body – polypropylene.**

**Capacity – 123 litres.**

**Size – 790 mm × 530 mm × 310 mm.**

**Weight – 3·7 kg.**

**4 wheels – twin 360° rotating.**

**3 handles – (top, side and retractable).**



**Question 2**

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**Question 3(b)**

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**Question 4(b)**

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**Question 8**

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