

**Pearson Edexcel Level 1/Level 2 GCSE (9-1)**

**Friday 24 May 2019**

**Paper Reference 1DT0/1C**

**Design and Technology**

**Component 1: Polymers**

**DIAGRAM BOOKLET**

**Write your name here**

<b>Candidate Surname</b>					
<b>Other names</b>					
<b>Centre No.</b>					
<b>Candidate No.</b>					

FIGURE 1

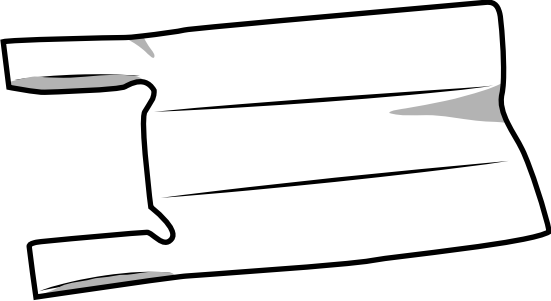
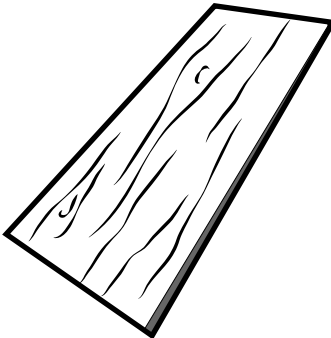
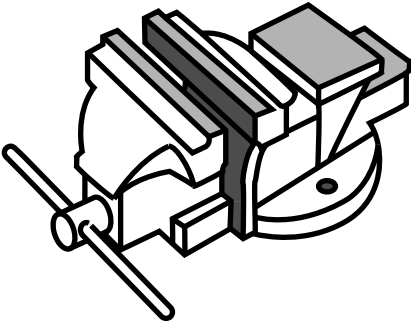

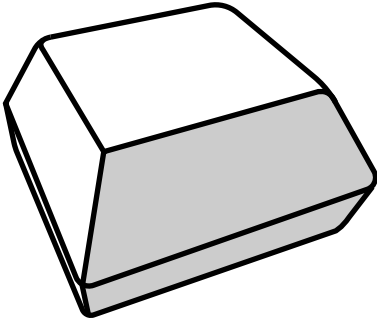
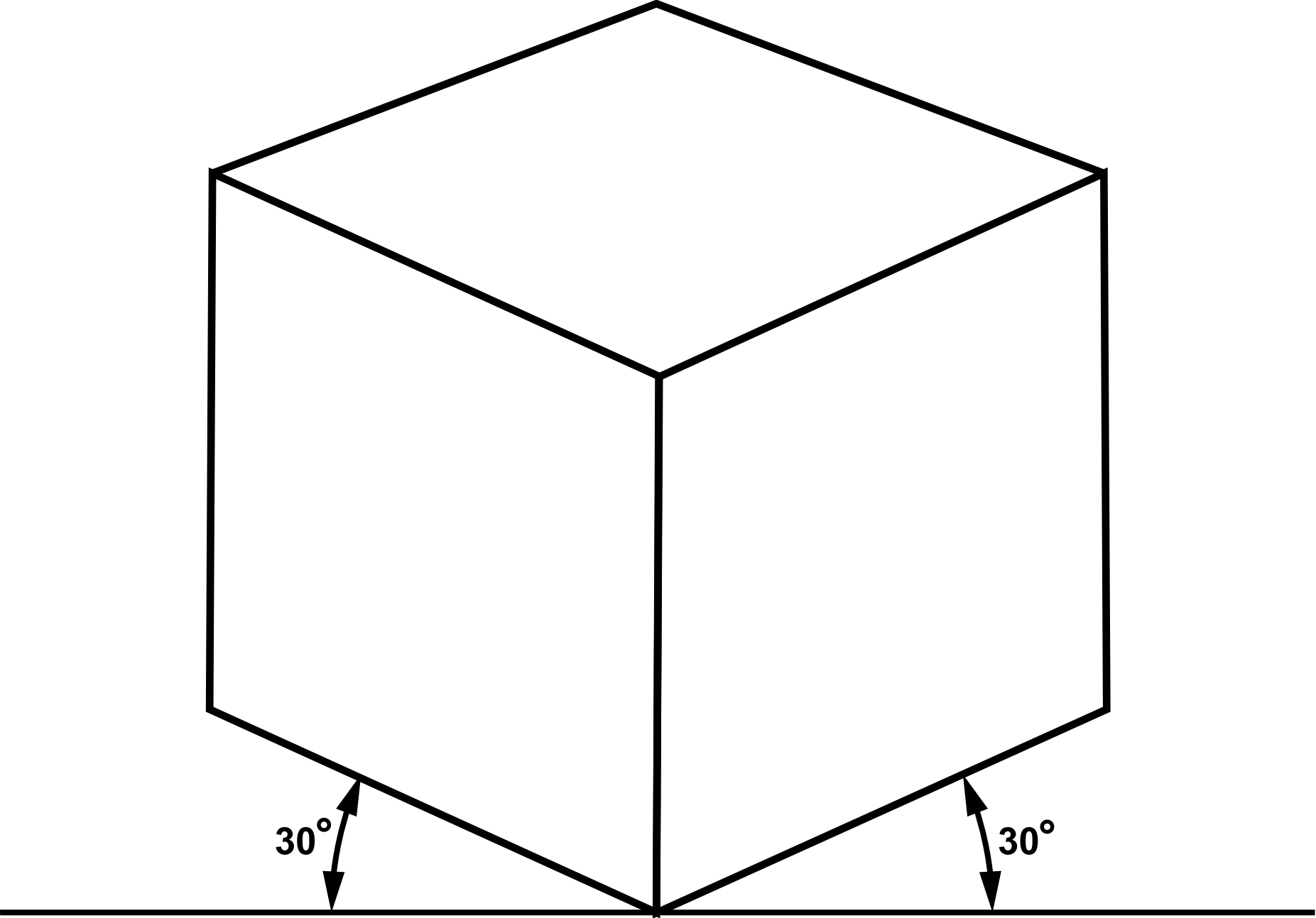
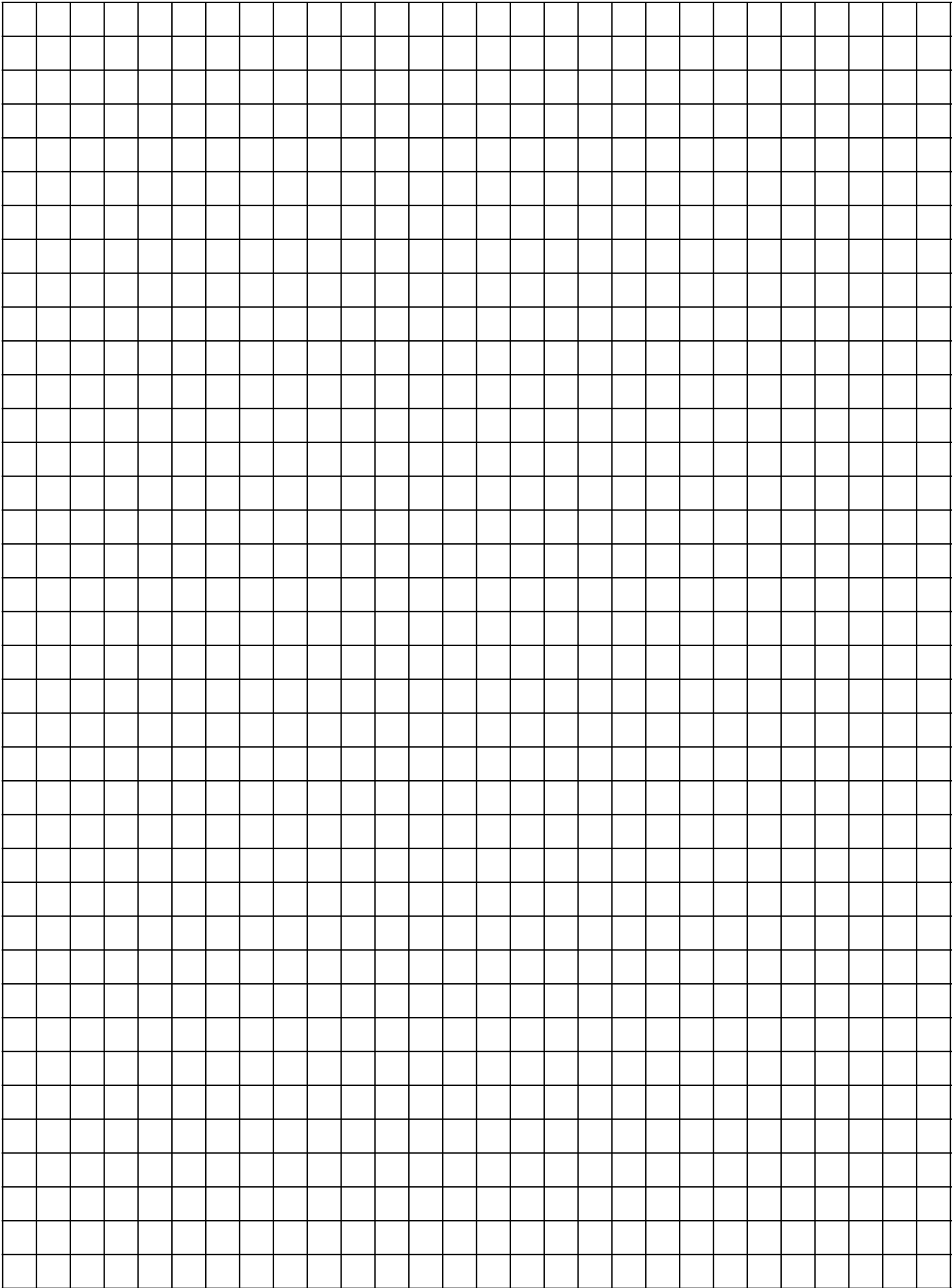
Product	Product material	Property
	Biodegradable plastic shopping bag	Will degrade in soil
	Cedar roof tile	(1) (i) _____
	Cast iron workshop vice	(1) (ii) _____
	Polyester raincoat	(1) (iii) _____
	Solid white board burger package	(1) (iv) _____

FIGURE 3

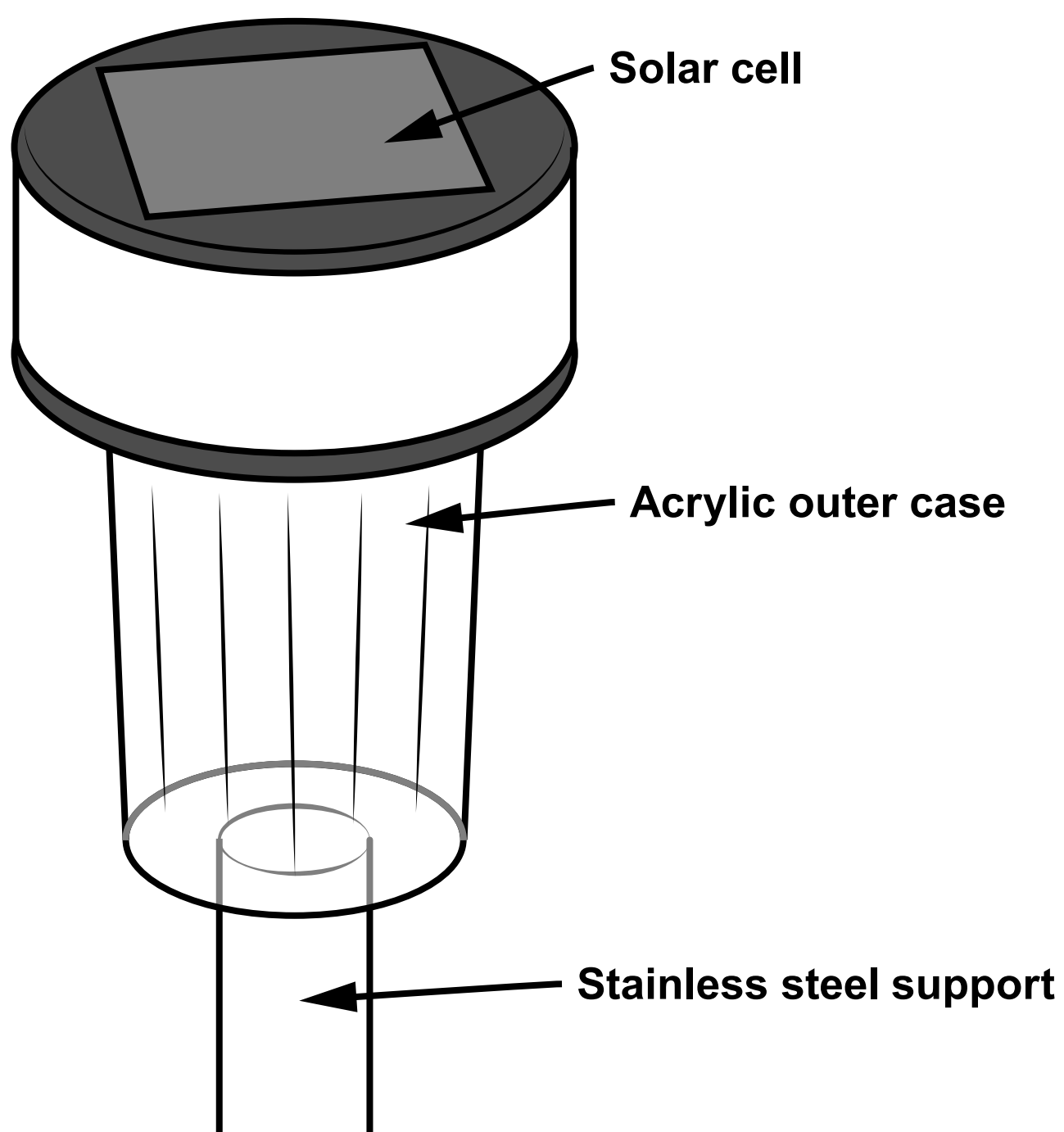


**Question 2 (c)**

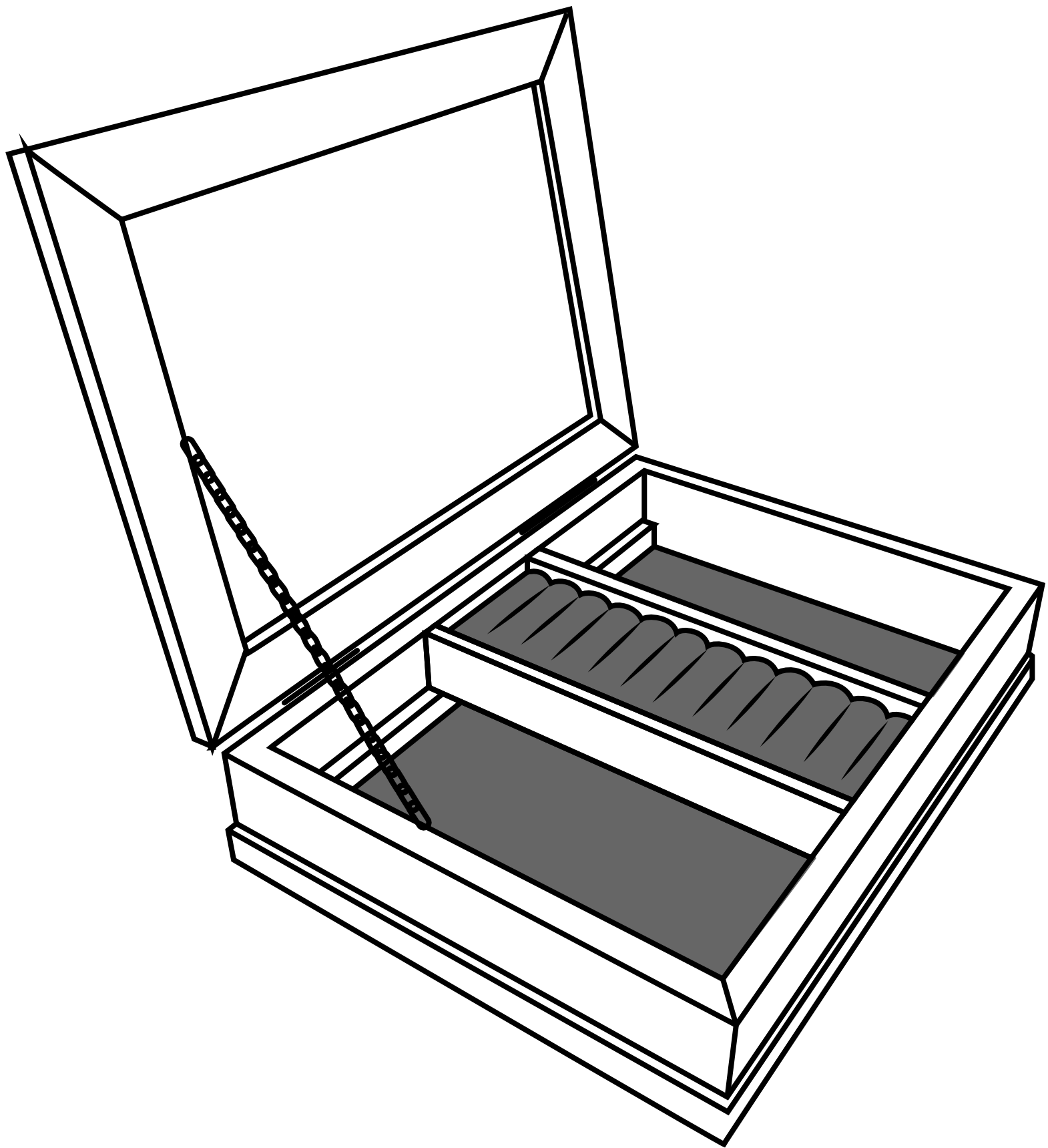
**EACH SQUARE REPRESENTS 10 mm**



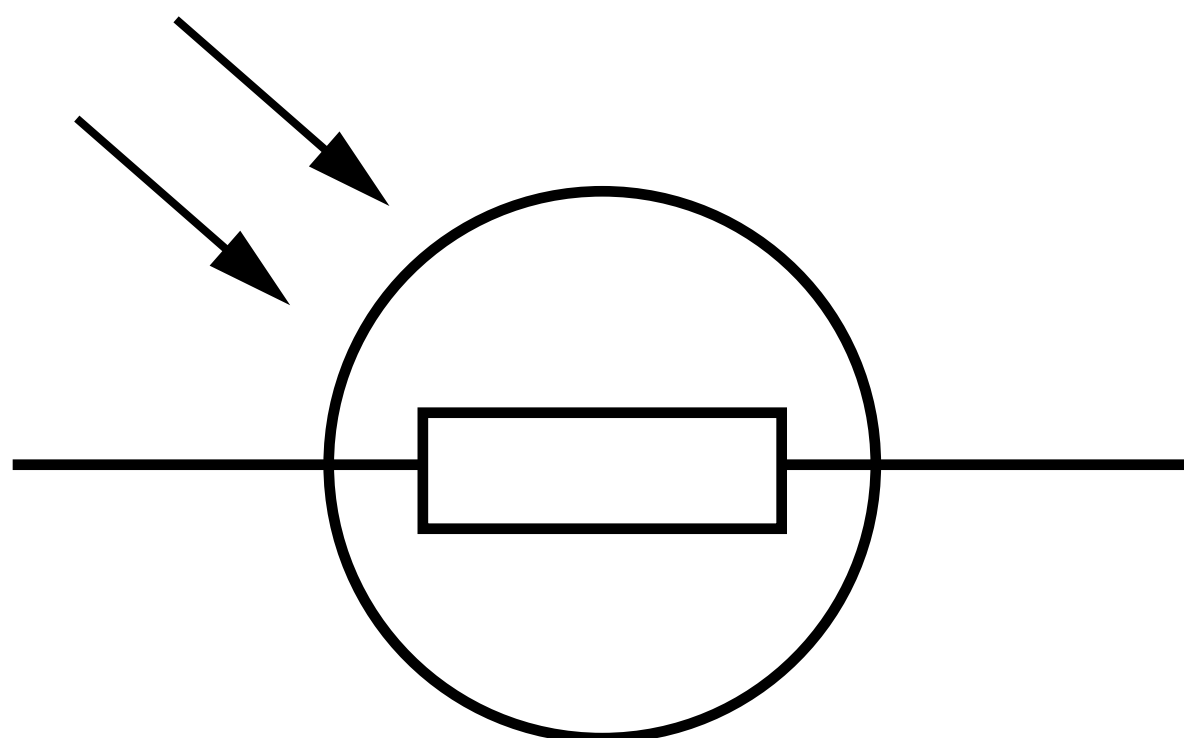
**FIGURE 4**



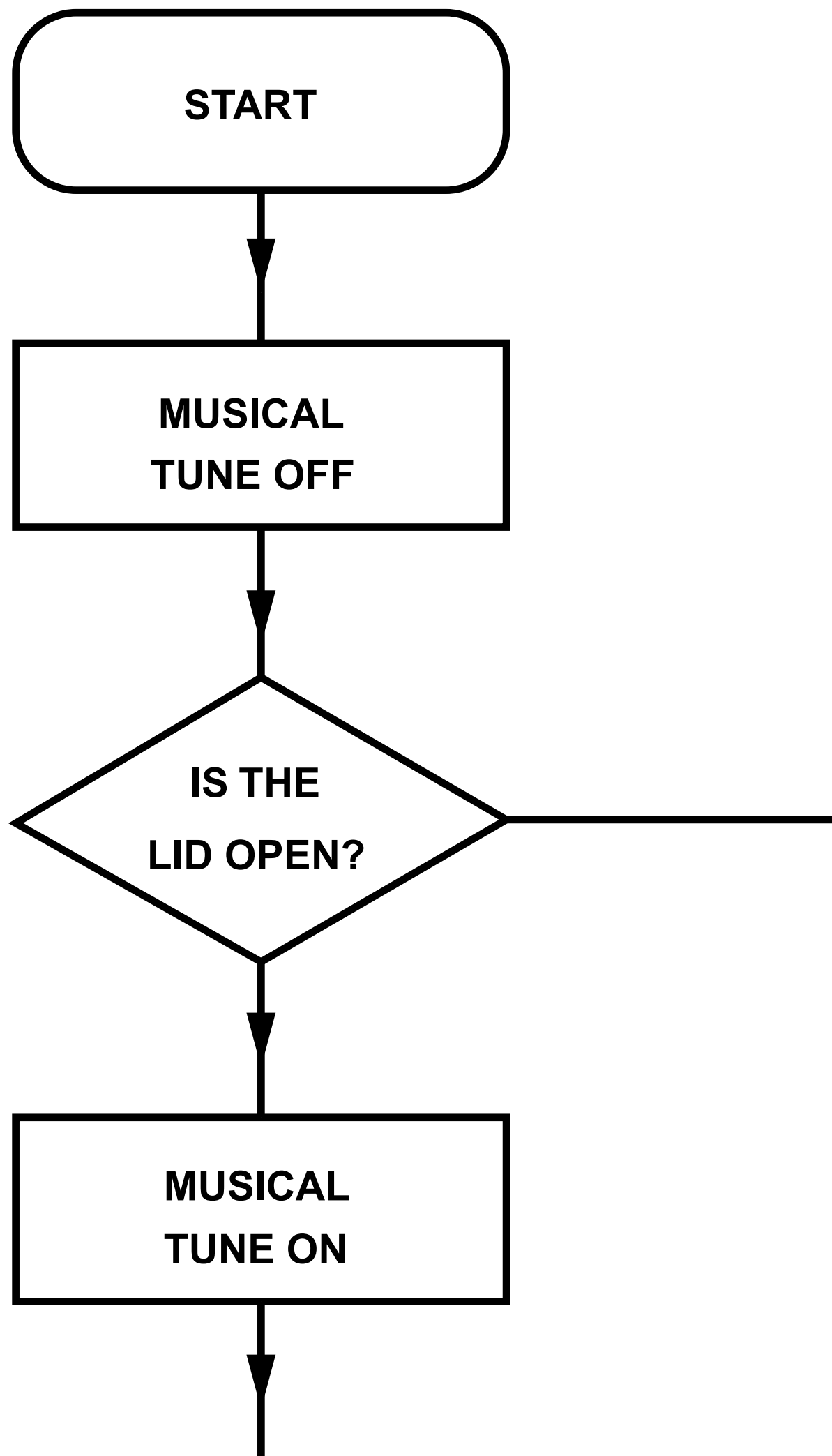
**FIGURE 5**



**FIGURE 6**



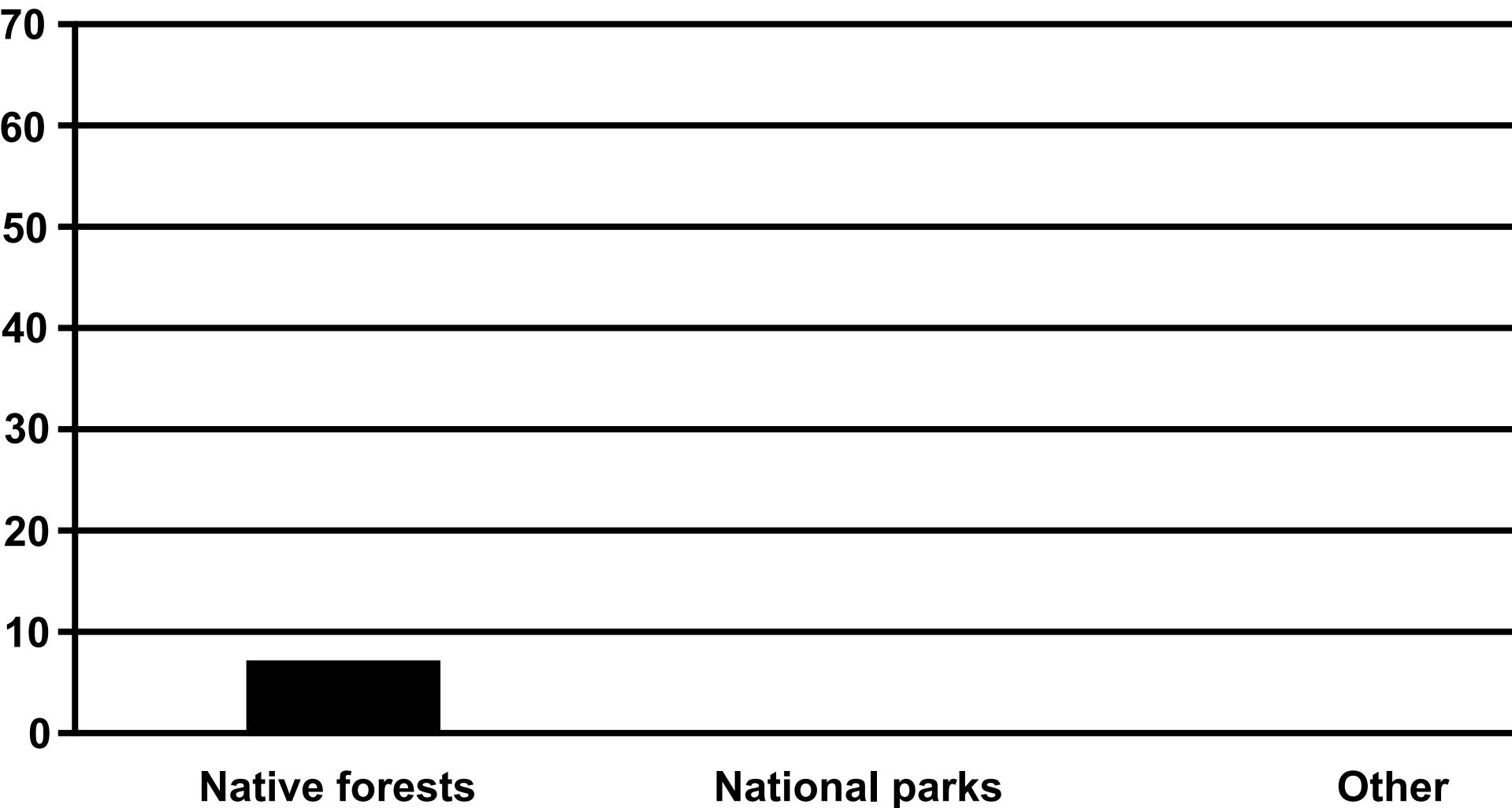
**FIGURE 7**



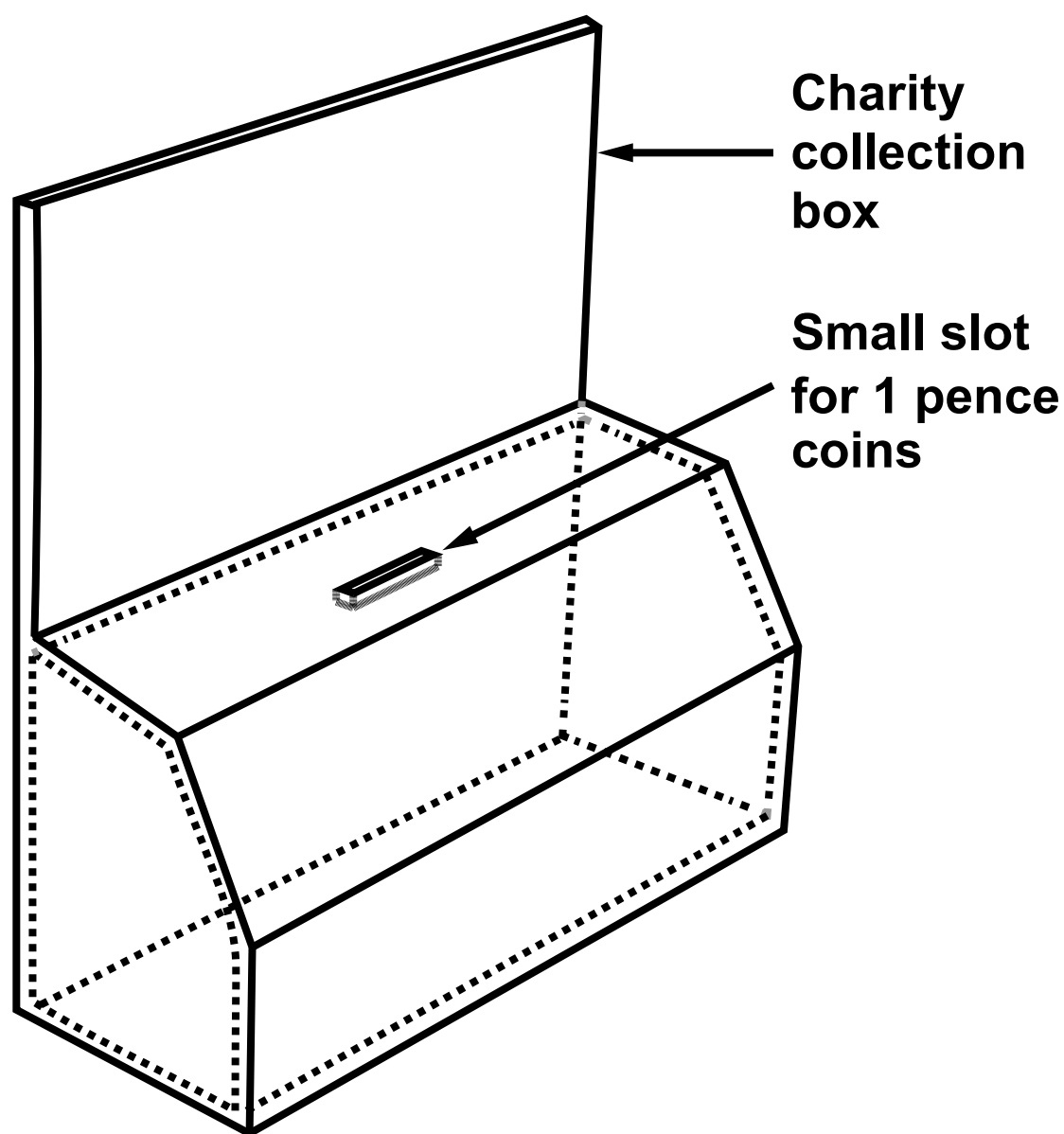


Question 4 (b)

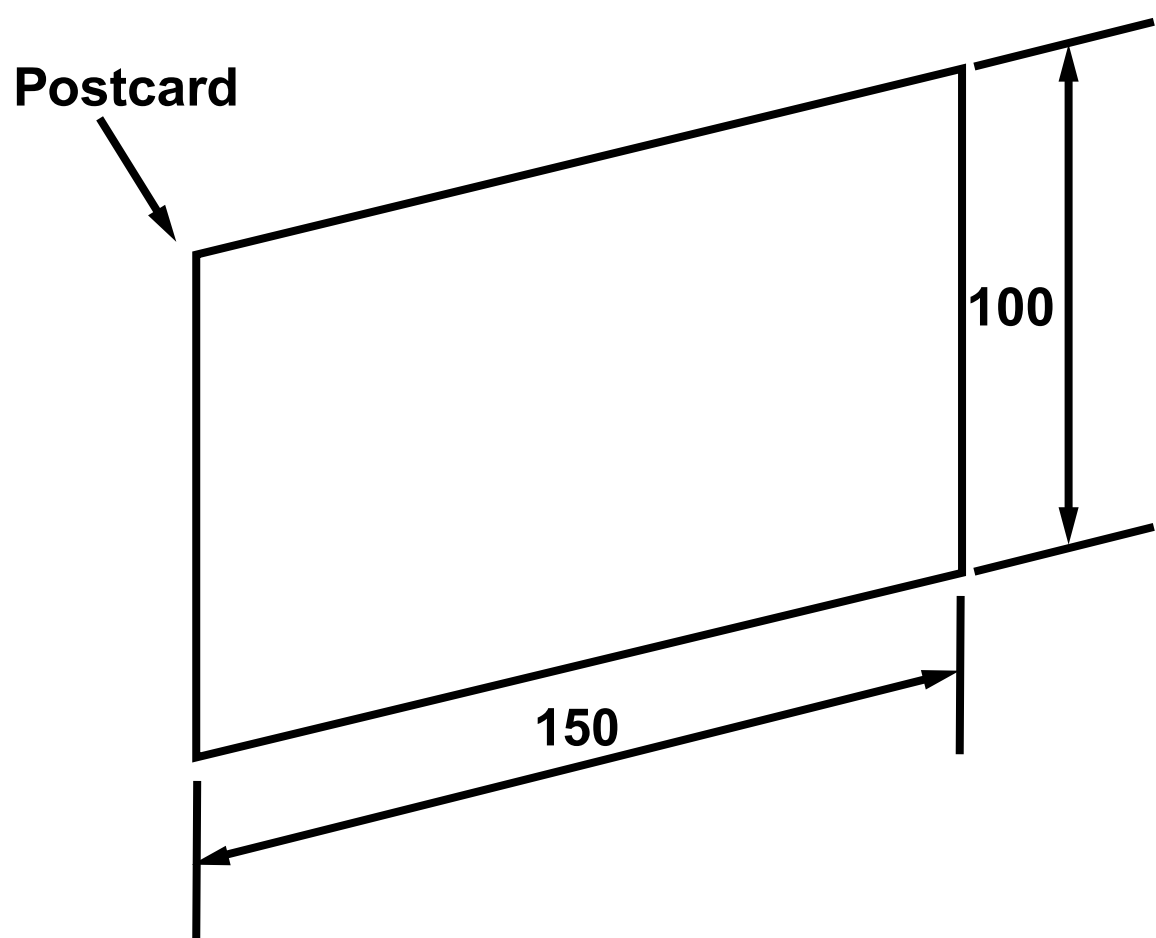
Percentage area



**FIGURE 9**



**Additional information**  
**All dimensions in mm**



Question 5 (c)

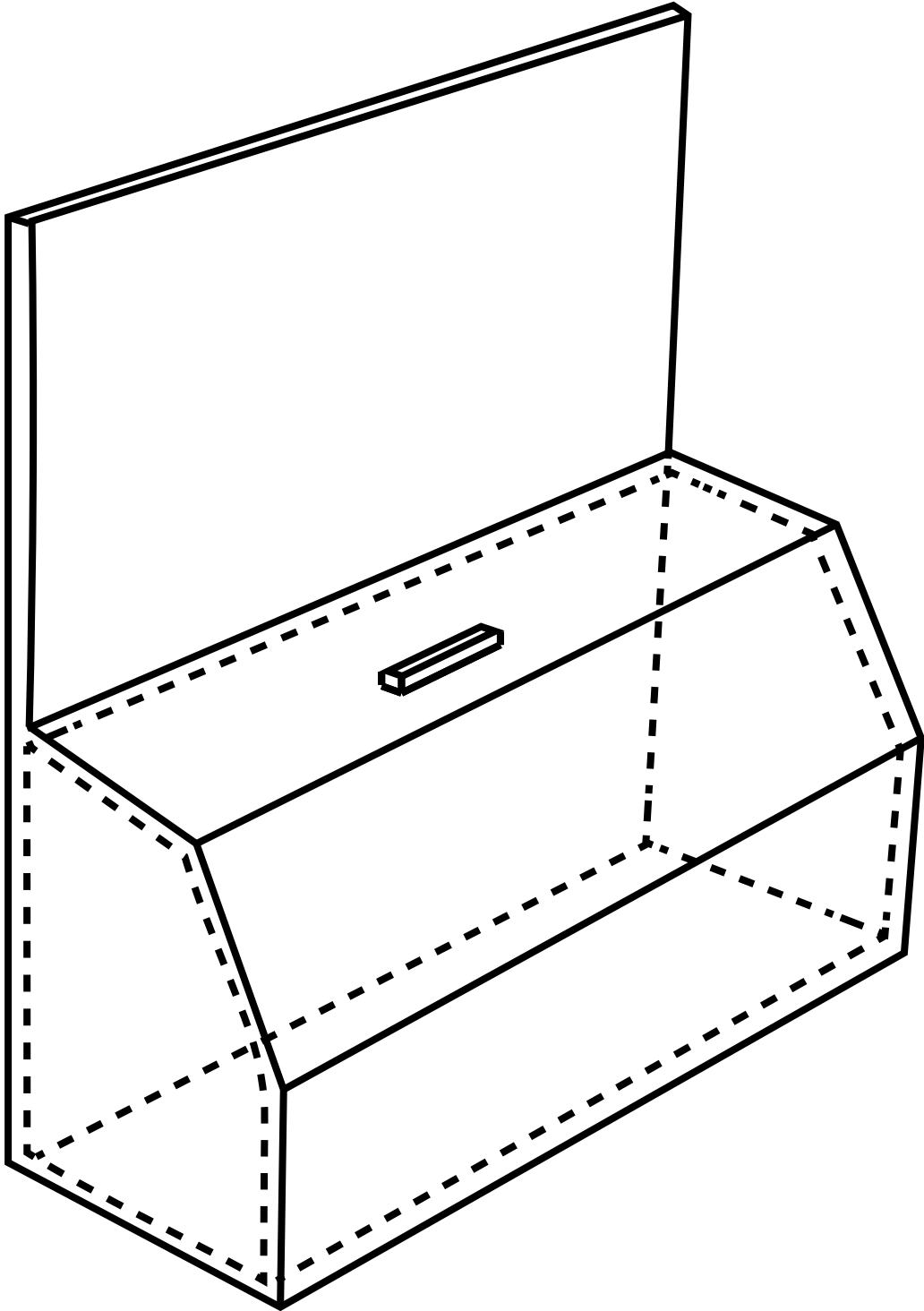
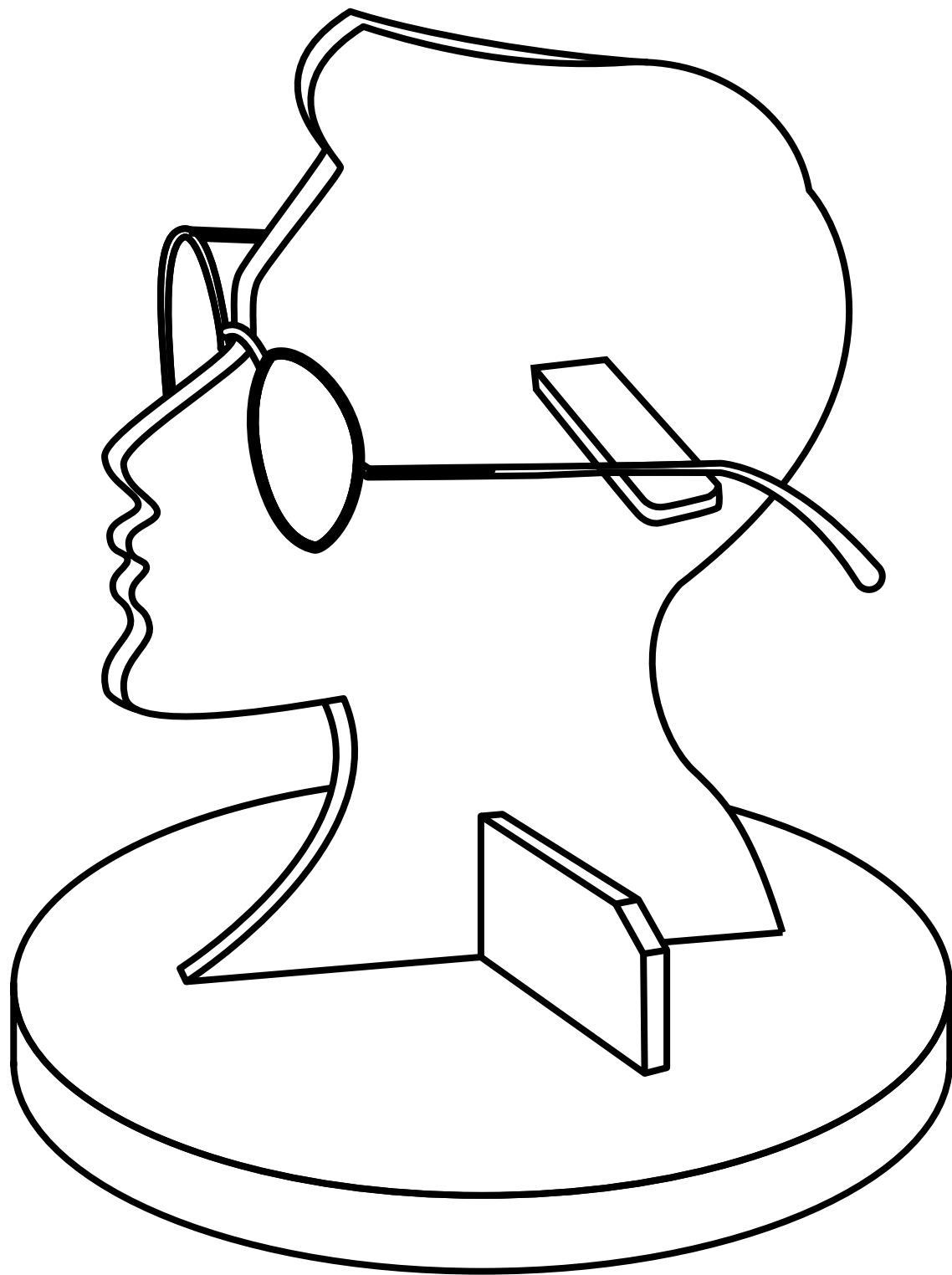
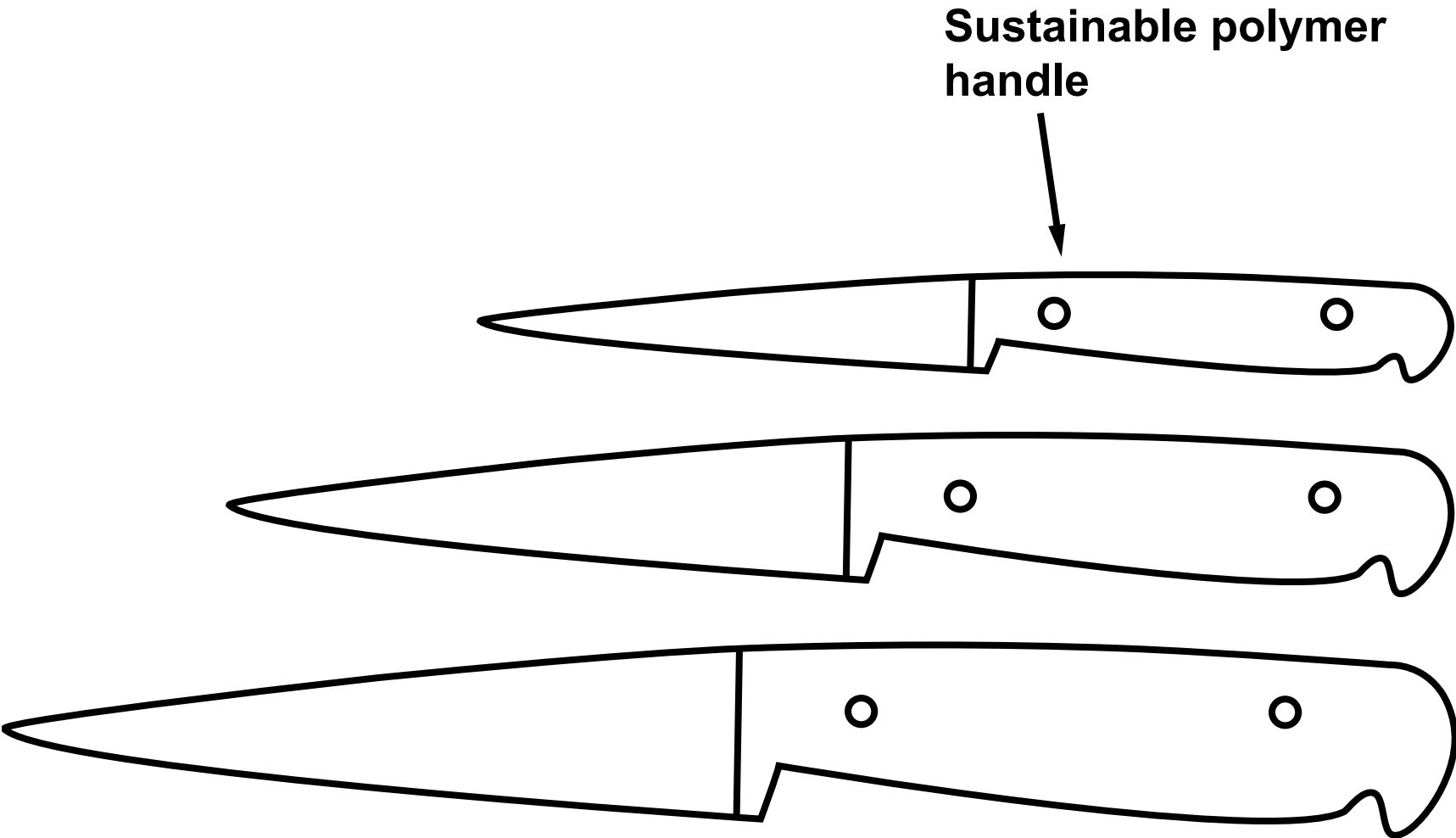


FIGURE 10

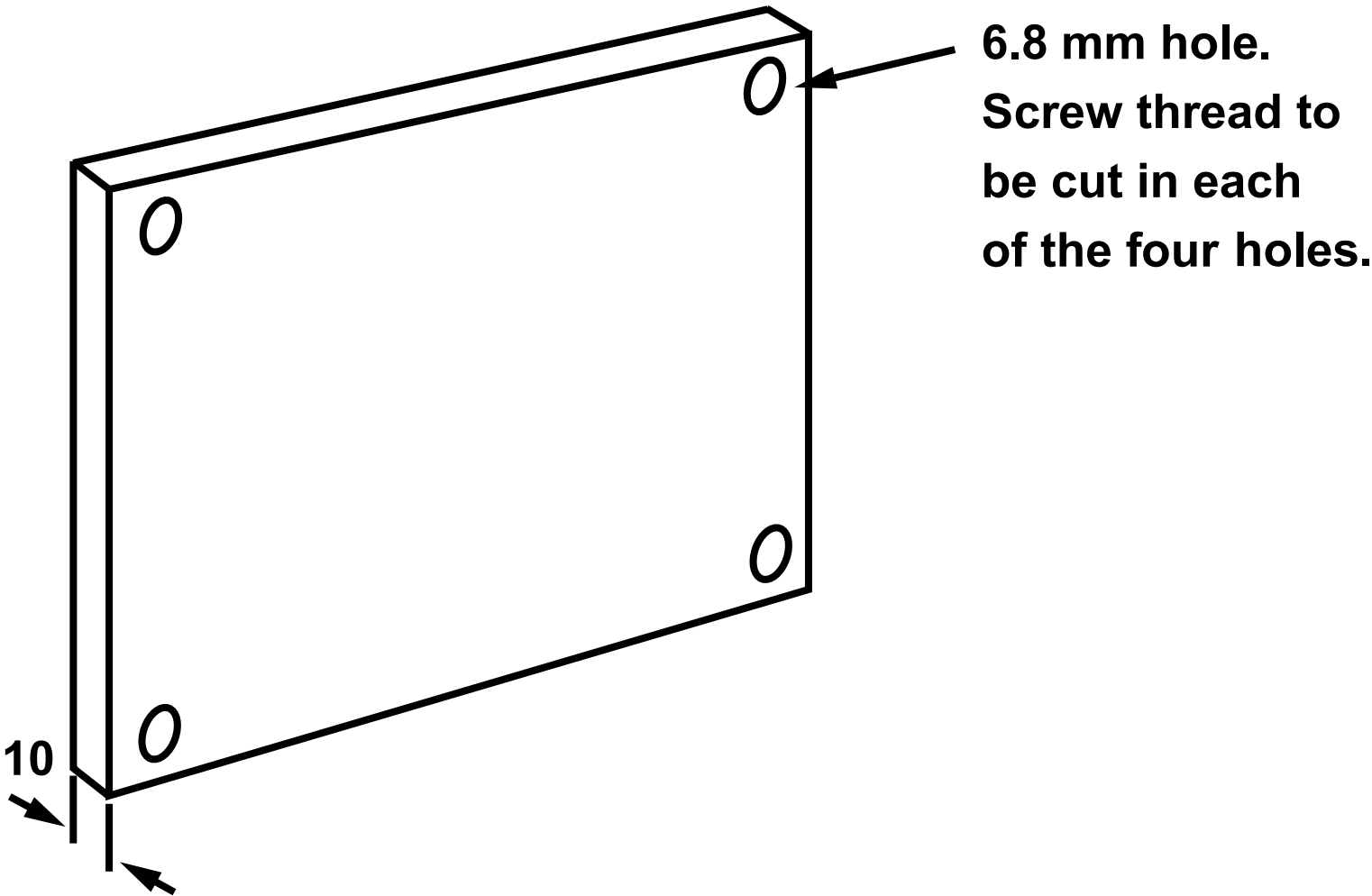


**FIGURE 11**



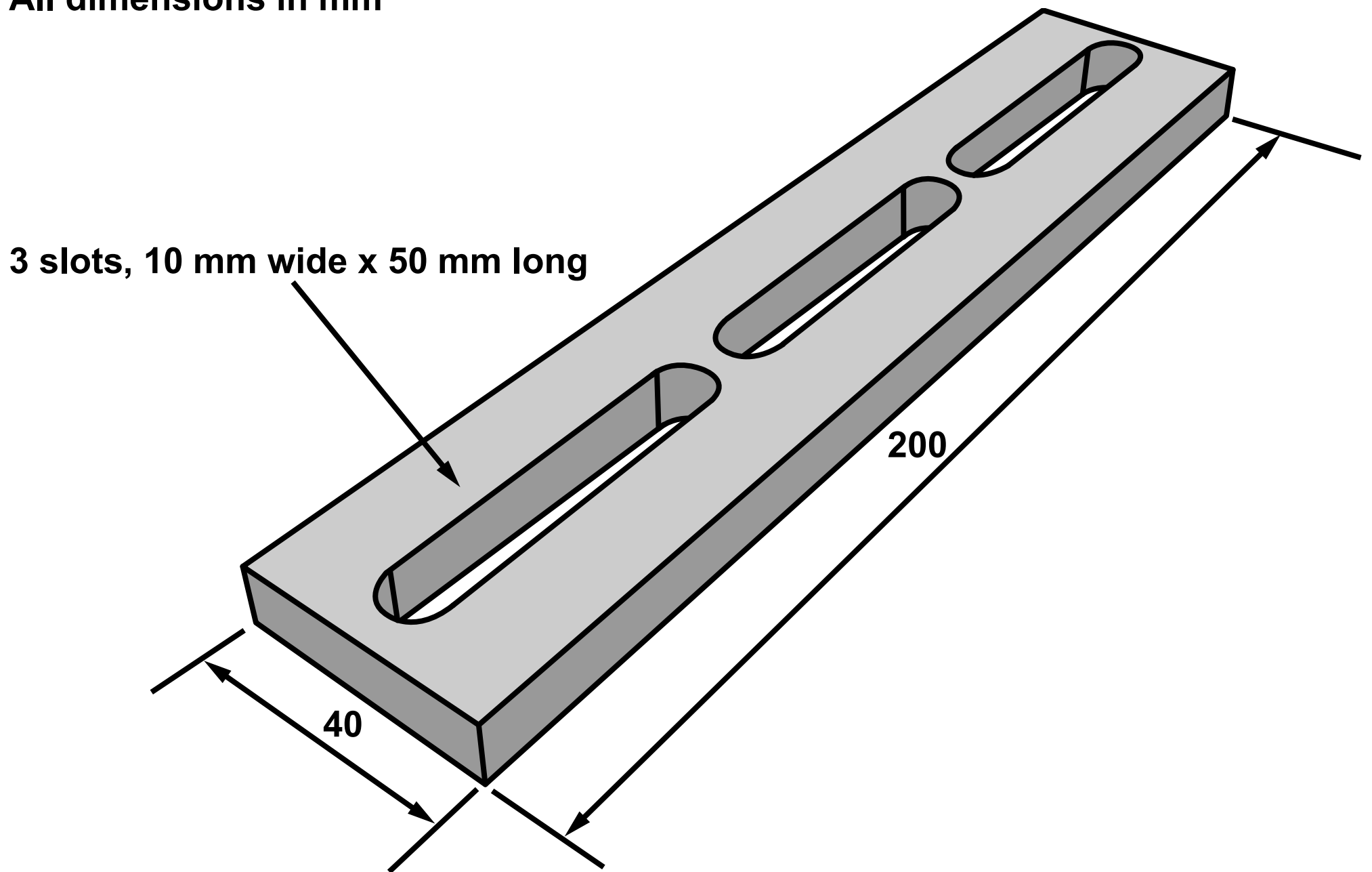
**FIGURE 12**

**All dimensions in mm**



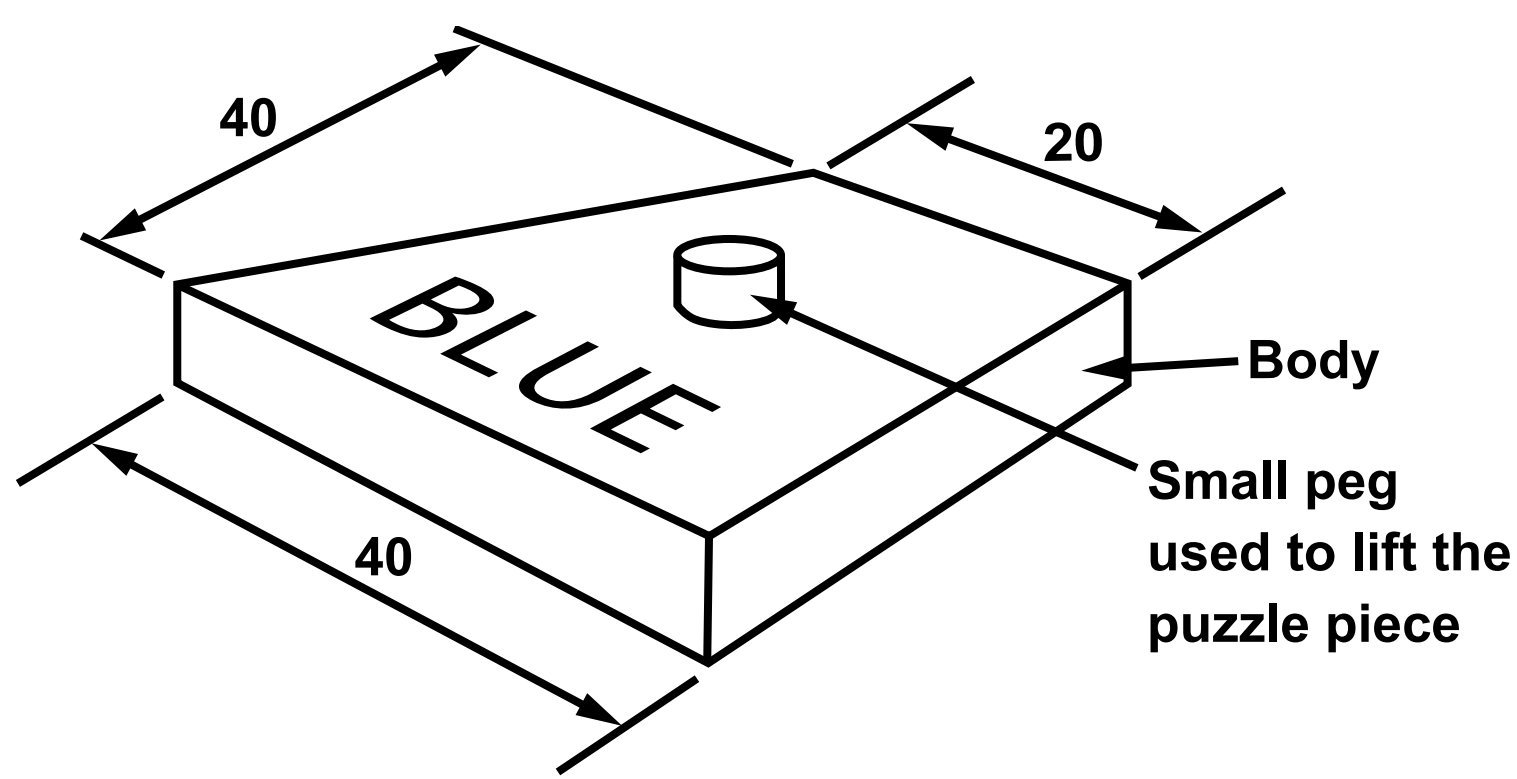
**FIGURE 13**

**All dimensions in mm**



**FIGURE 14**

**All dimensions in mm**

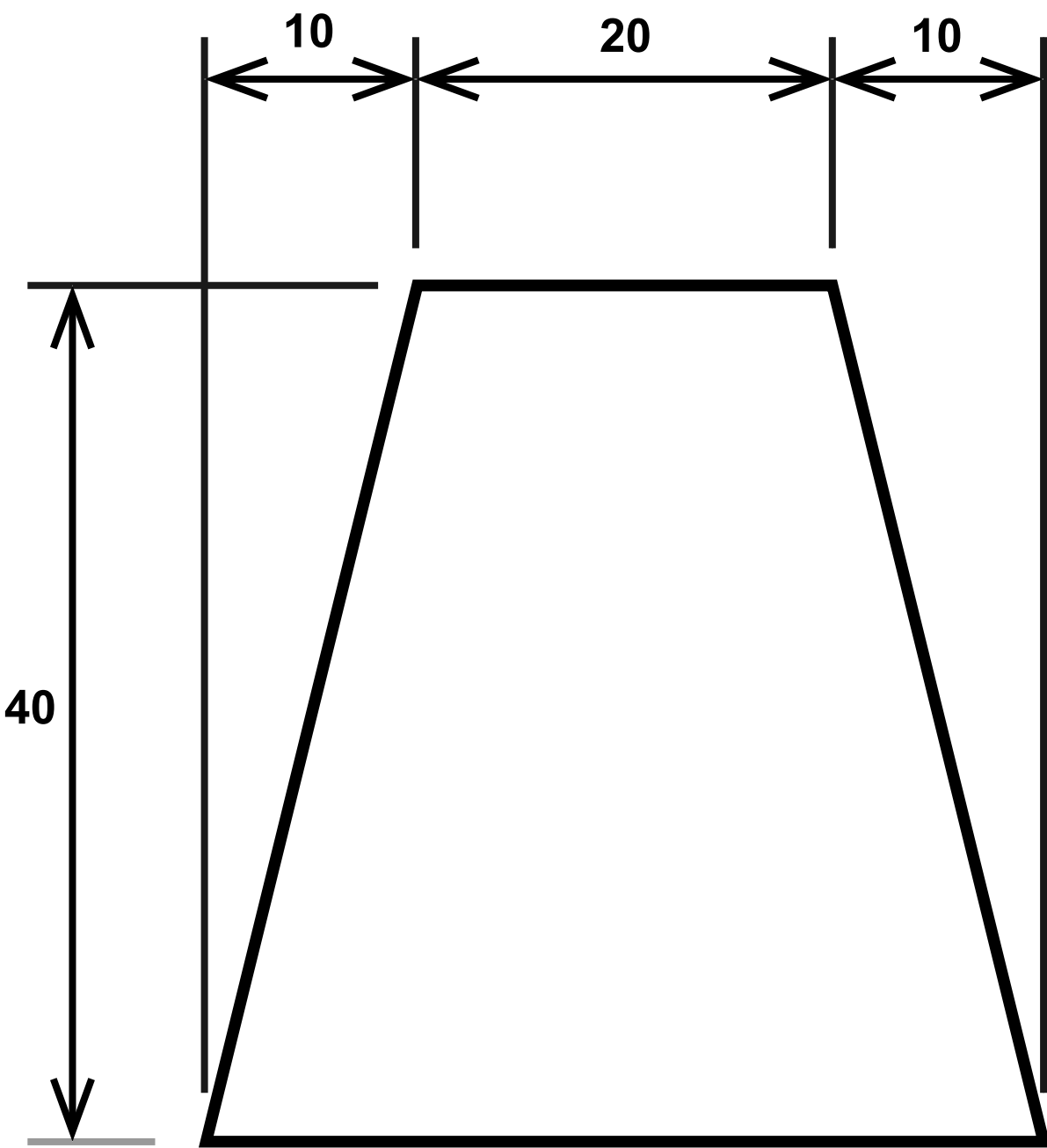




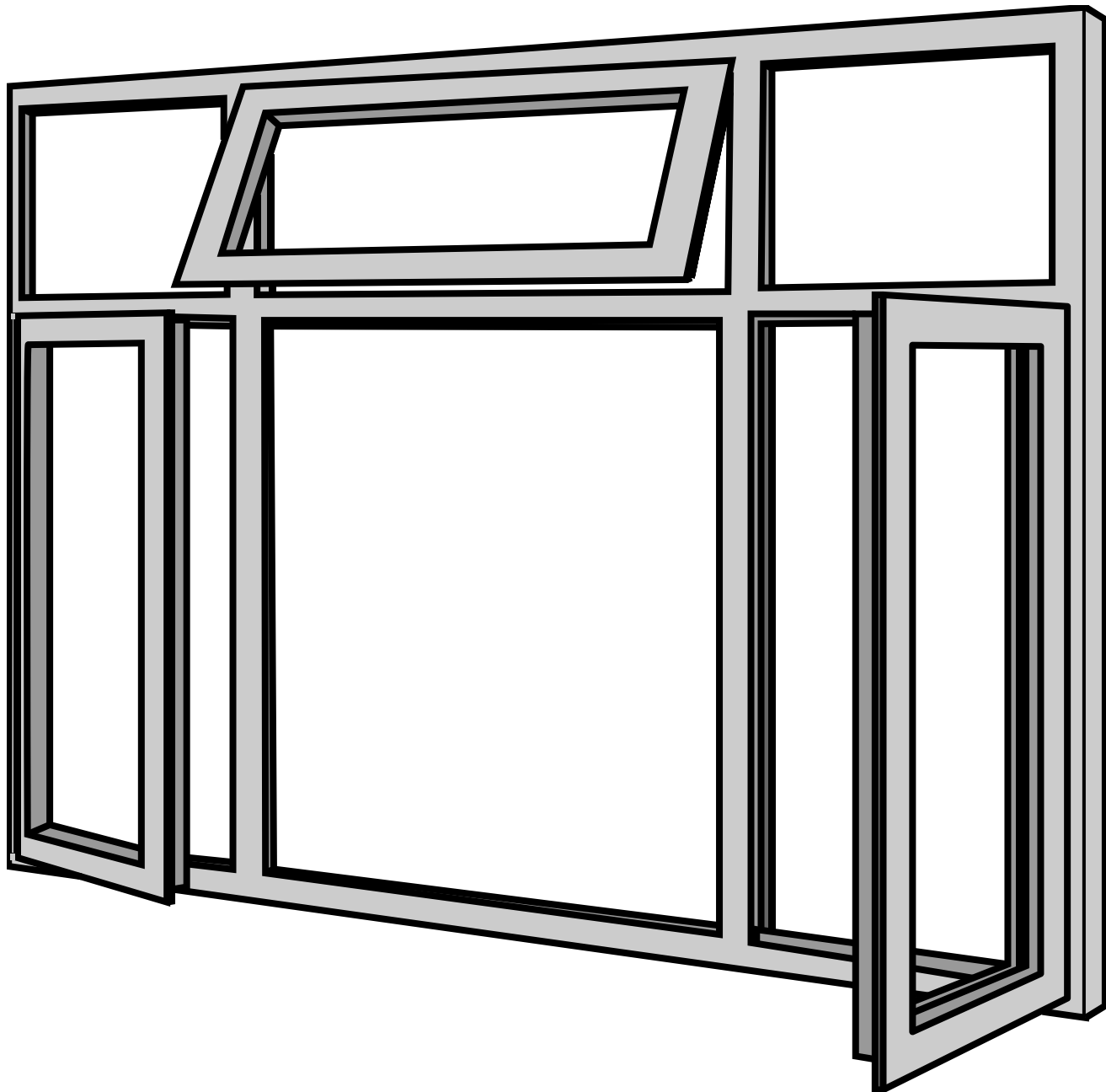
**FIGURE 15**

**All dimensions in mm**

**Diagram not to scale**



**FIGURE 16**



**FIGURE 17**

<b>SCALE OF PRODUCTION</b>	<b>Mass</b>
<b>MATERIAL</b>	<b>PVC</b>
<b>MATERIAL SOURCE</b>	<b>Russia, UAE and Saudi Arabia</b>
<b>SIZE</b>	<b>Various but up to 1.2 m high and 2.4 m long</b>
<b>SURFACE TREATMENT</b>	<b>Additives</b>