

Paper Reference 1MA1/1H
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Mathematics
PAPER 1 (Non–Calculator)
Higher Tier

Diagram Booklet

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

| | | | | | |
|------------------|--|--|--|--|--|
| Surname | | | | | |
| Other names | | | | | |
| Centre Number | | | | | |
| Candidate Number | | | | | |

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

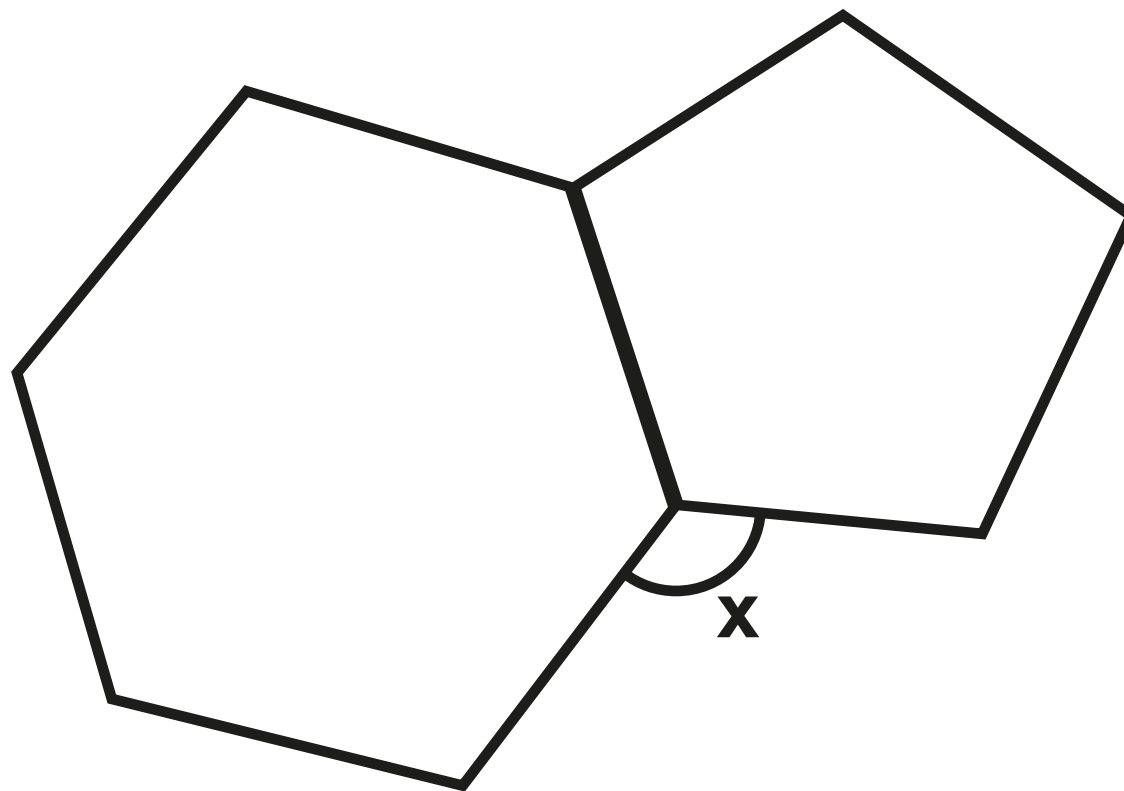
**THIS DIAGRAM BOOKLET MUST BE RETURNED
WITH THE QUESTION PAPER AT THE END OF THE
EXAMINATION.**

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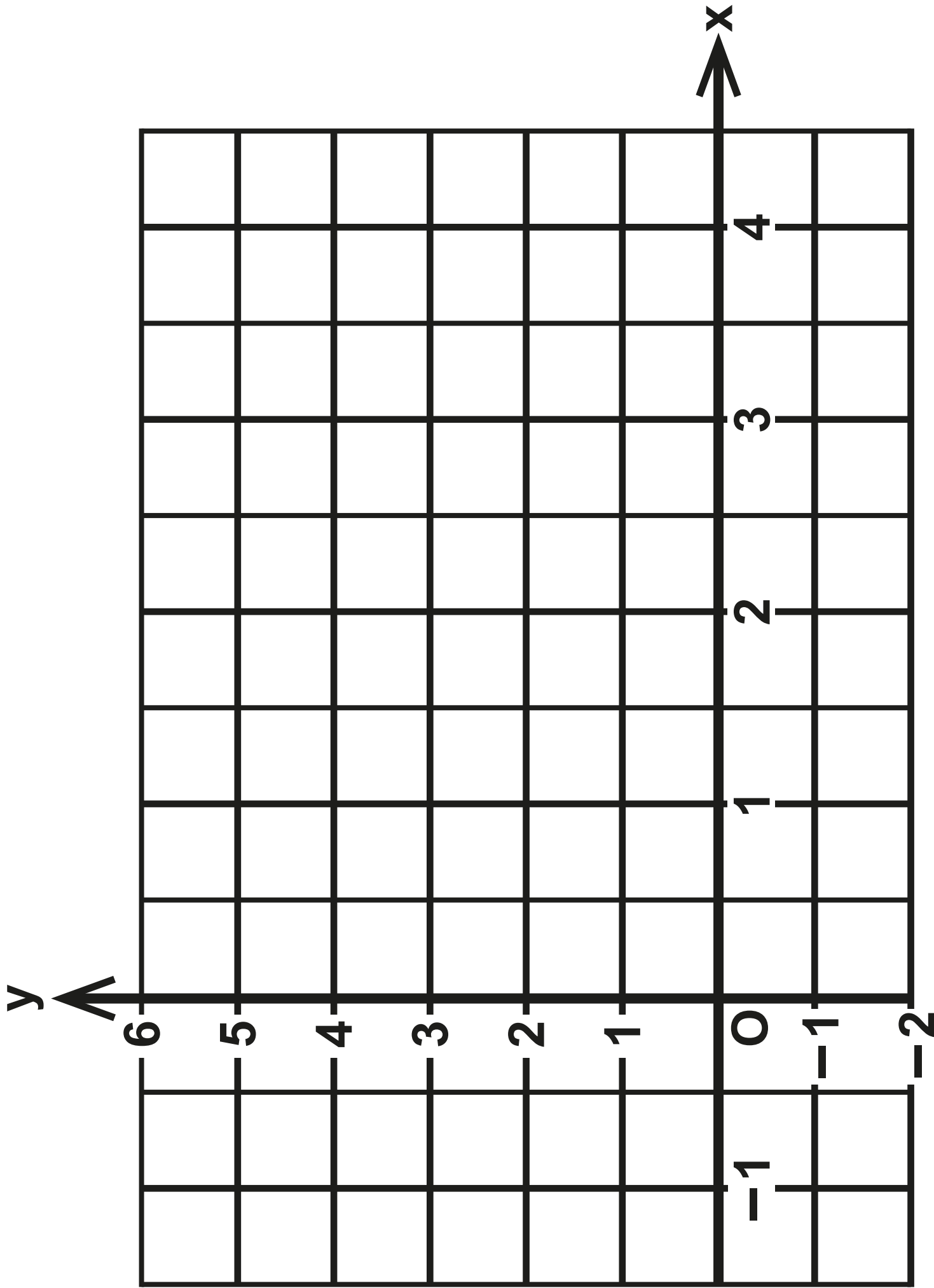
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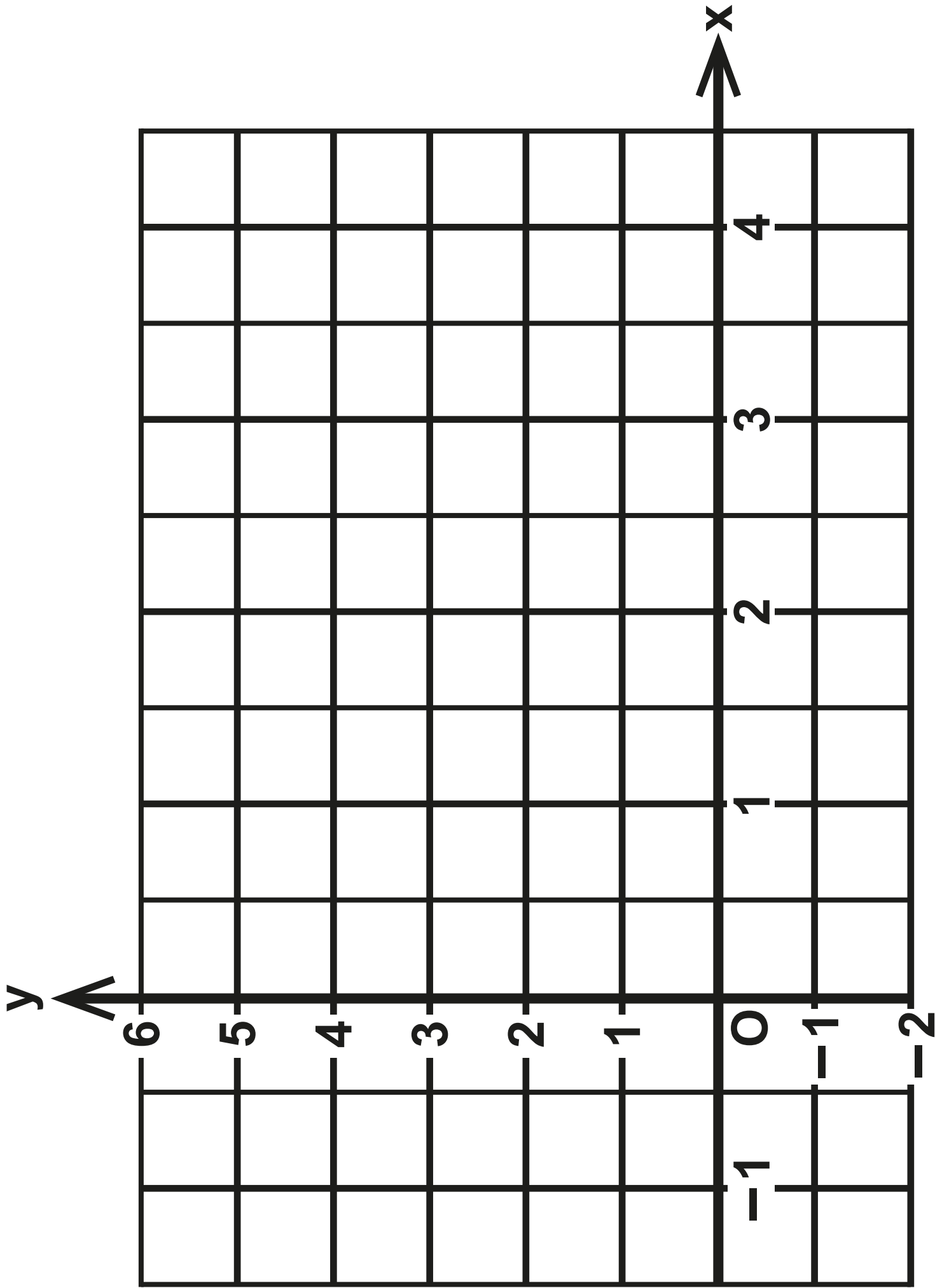
Question 5



Question 6(b)

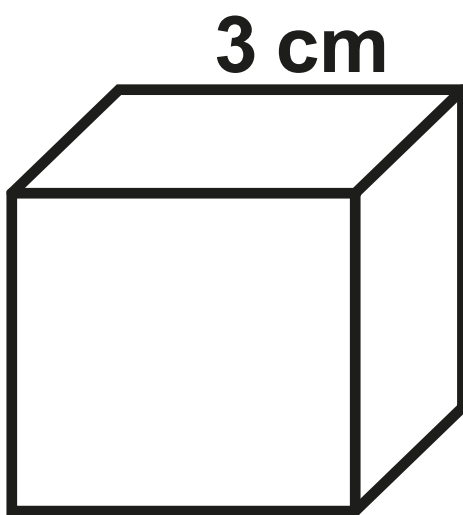


Question 6(b)

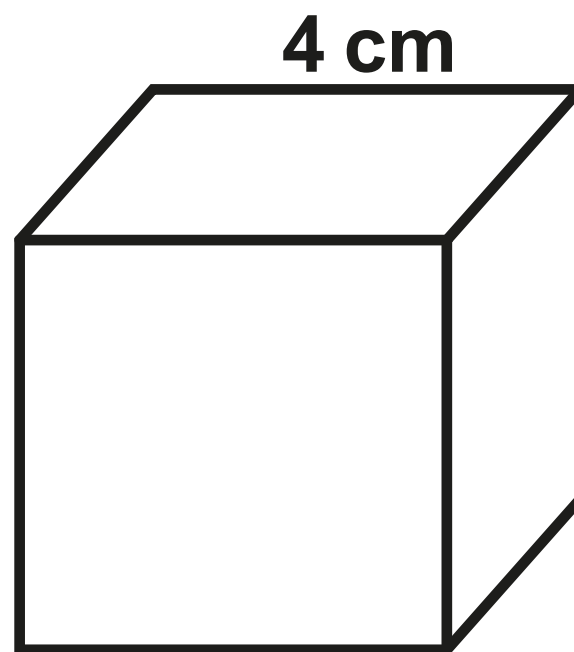


Question 7

cube **A**



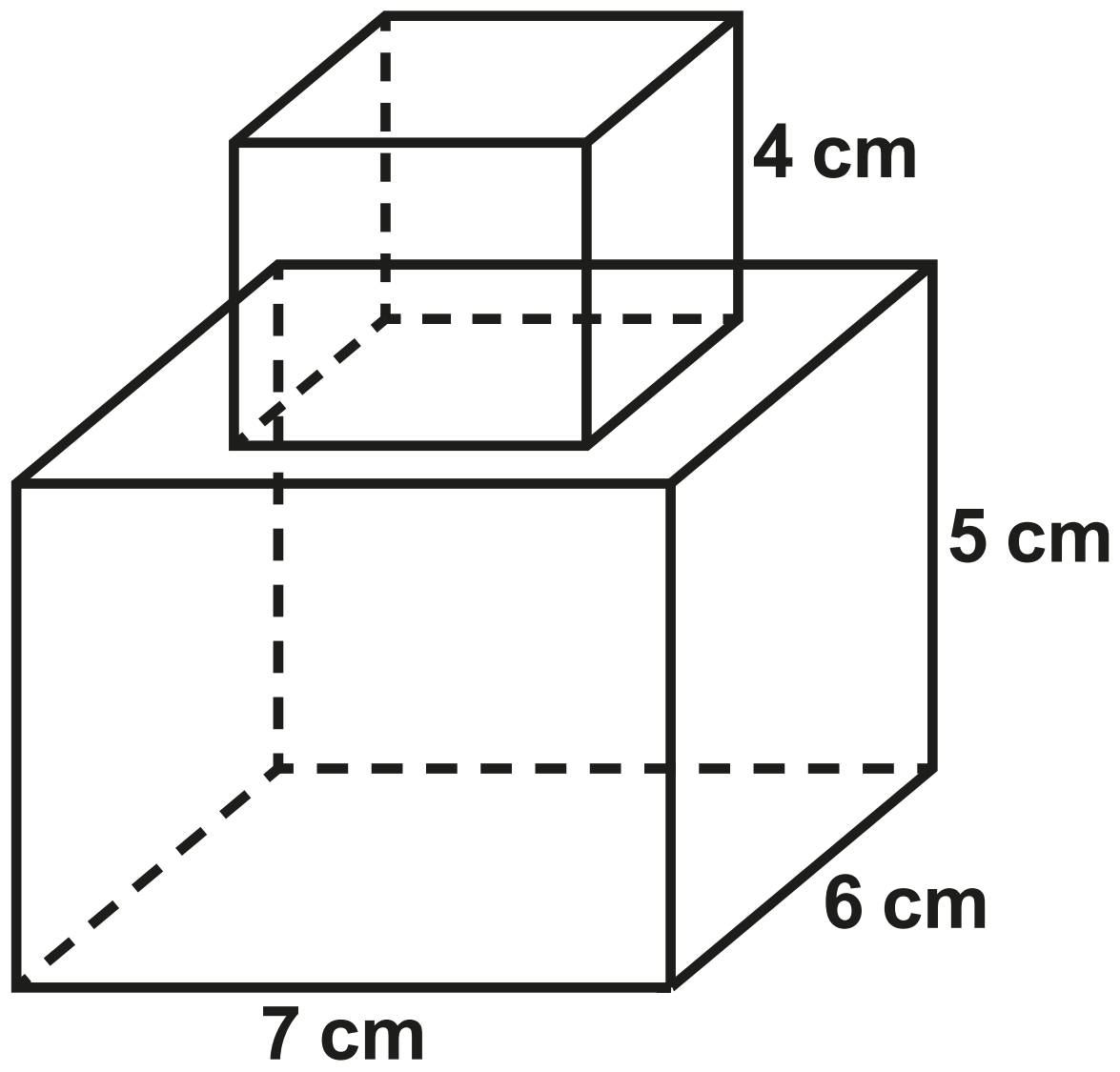
cube **B**



Question 8

| Amount of snow (s cm) | Frequency |
|-----------------------|-----------|
| $0 \leq s < 10$ | 8 |
| $10 \leq s < 20$ | 10 |
| $20 \leq s < 30$ | 7 |
| $30 \leq s < 40$ | 2 |
| $40 \leq s < 50$ | 3 |

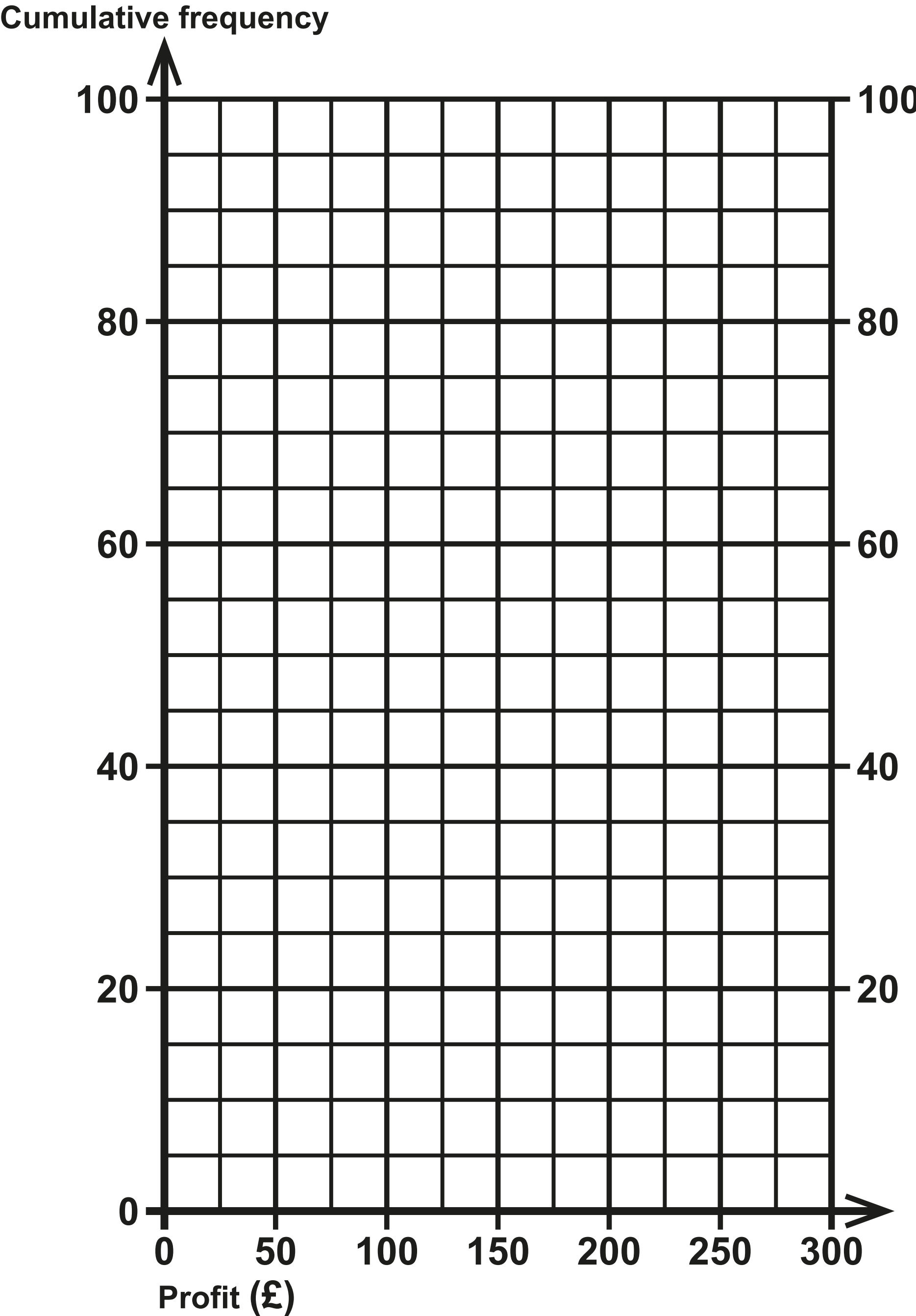
Question 9



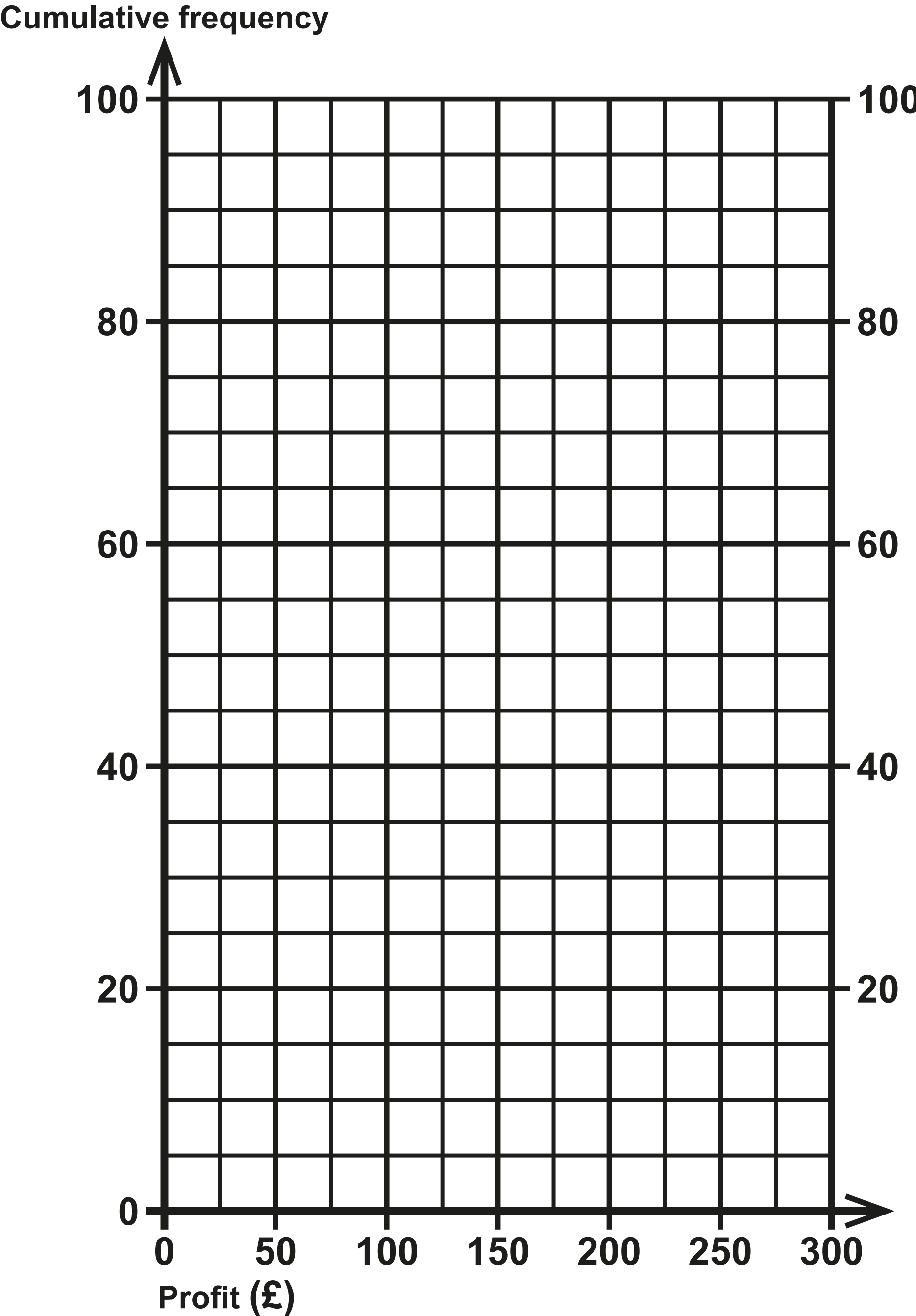
Question 10

| Profit (£x) | Frequency |
|--------------------|-----------|
| $0 \leq x < 50$ | 10 |
| $50 \leq x < 100$ | 15 |
| $100 \leq x < 150$ | 30 |
| $150 \leq x < 200$ | 15 |
| $200 \leq x < 250$ | 10 |
| $250 \leq x < 300$ | 20 |

Question 10(b)



Question 10(b)

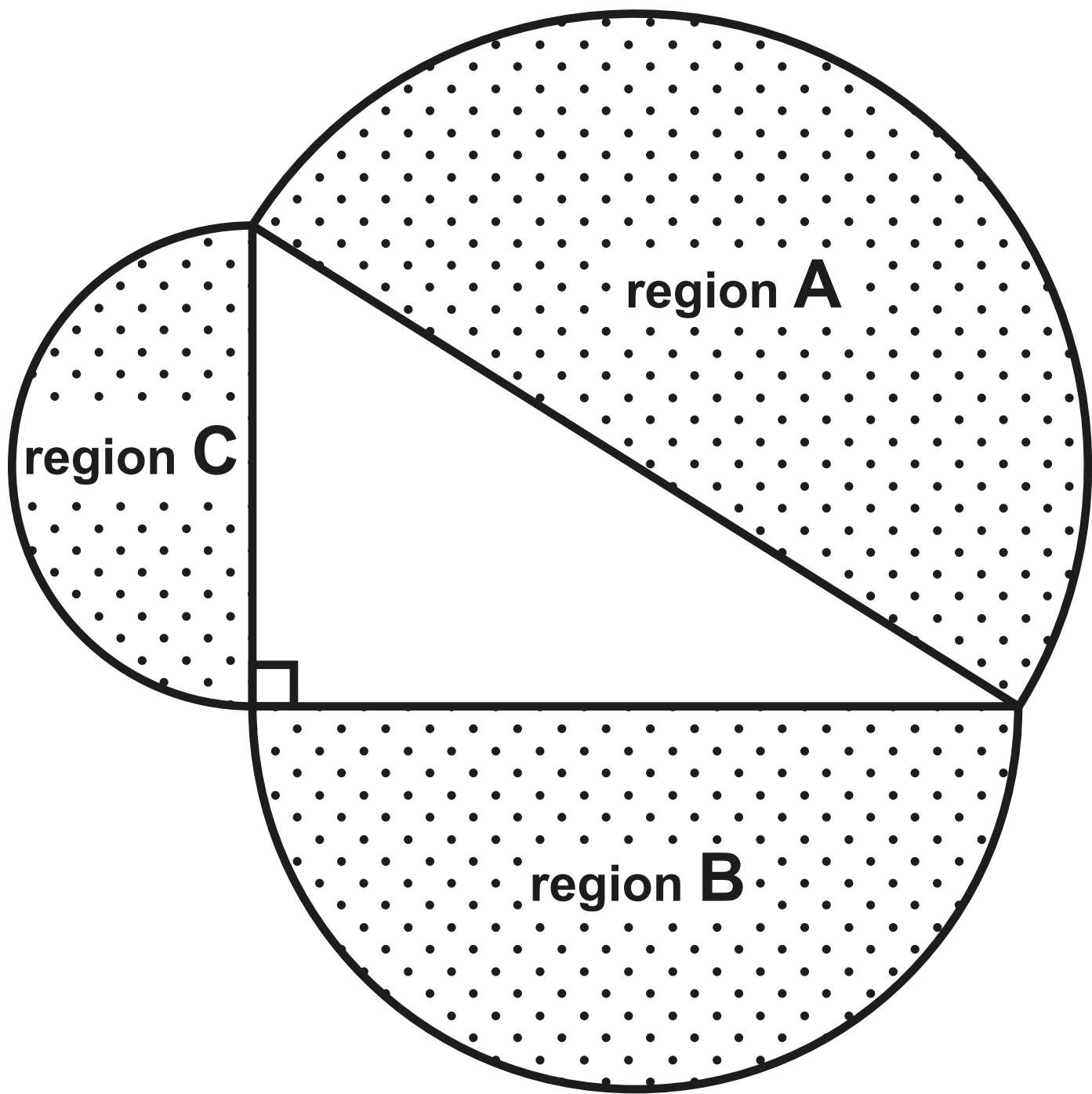


Question 11

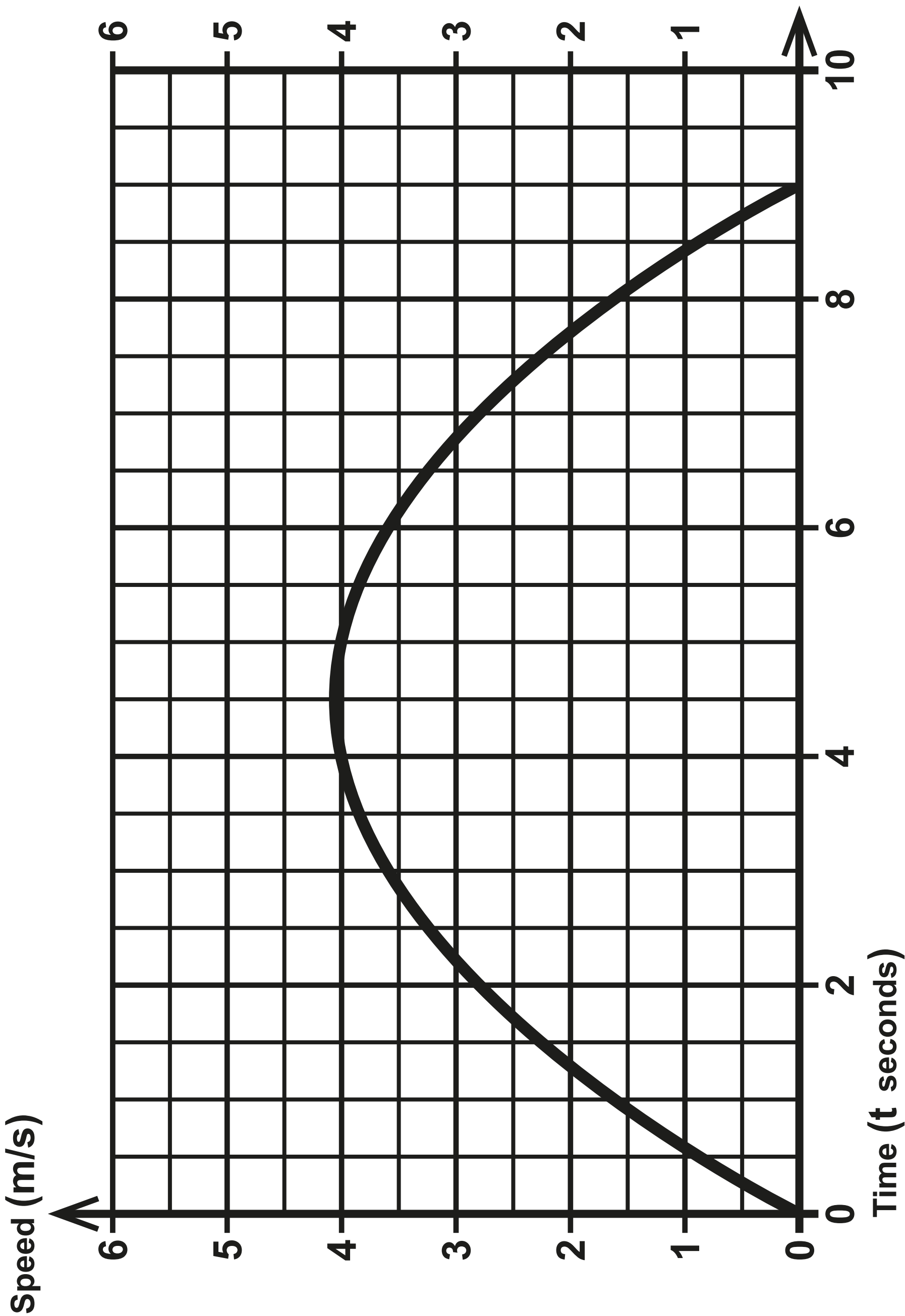
In the bag

number of lime flavoured sweets : number of strawberry flavoured sweets : number of orange flavoured sweets = 9 : 4 : x

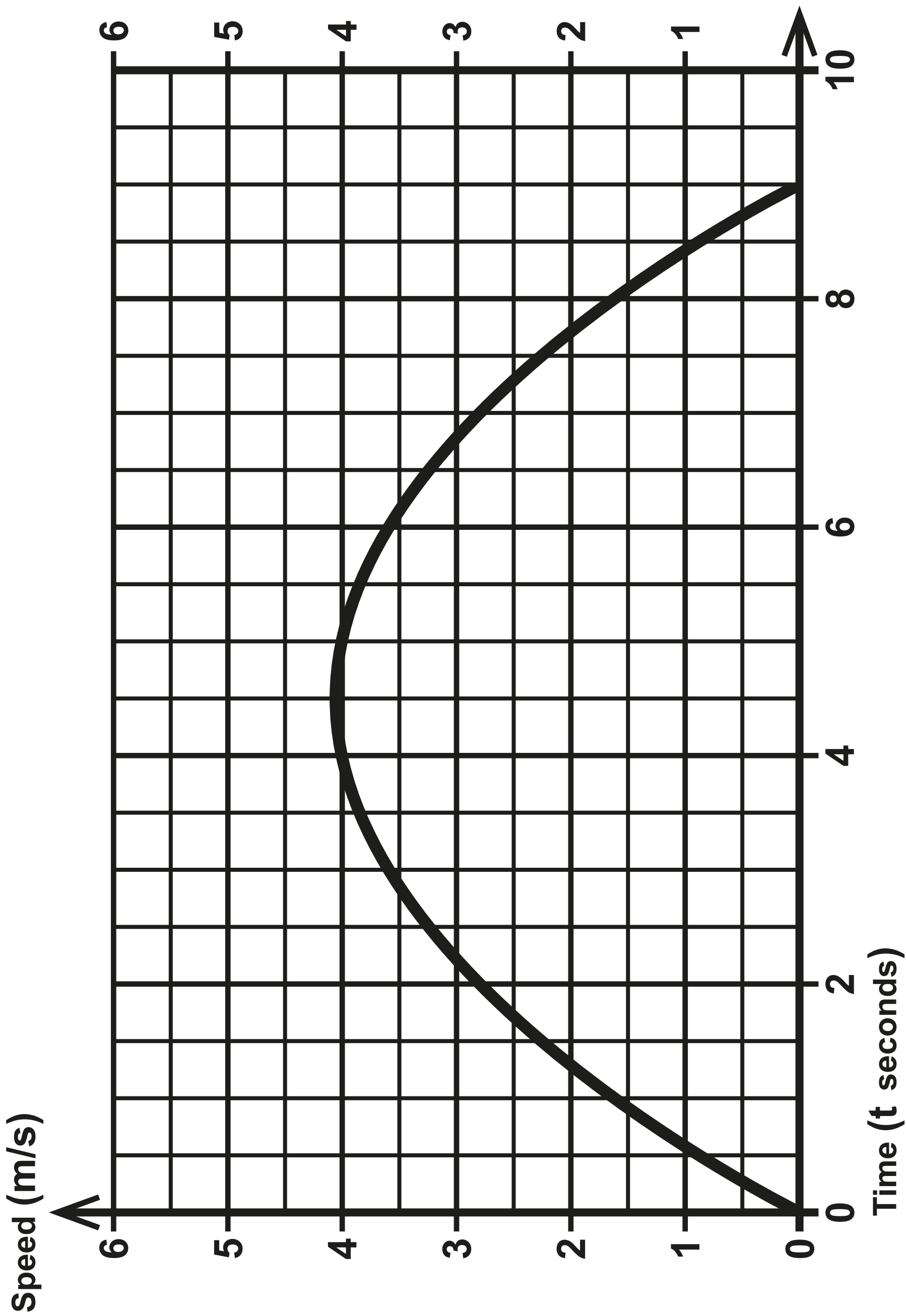
Question 13



Question 14



Question 14



Question 21

