

**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.**

|                             |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| <b>Surname</b>              |  |  |  |  |  |
| <b>Other names</b>          |  |  |  |  |  |
| <b>Centre<br/>Number</b>    |  |  |  |  |  |
| <b>Candidate<br/>Number</b> |  |  |  |  |  |

# INSTRUCTIONS

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

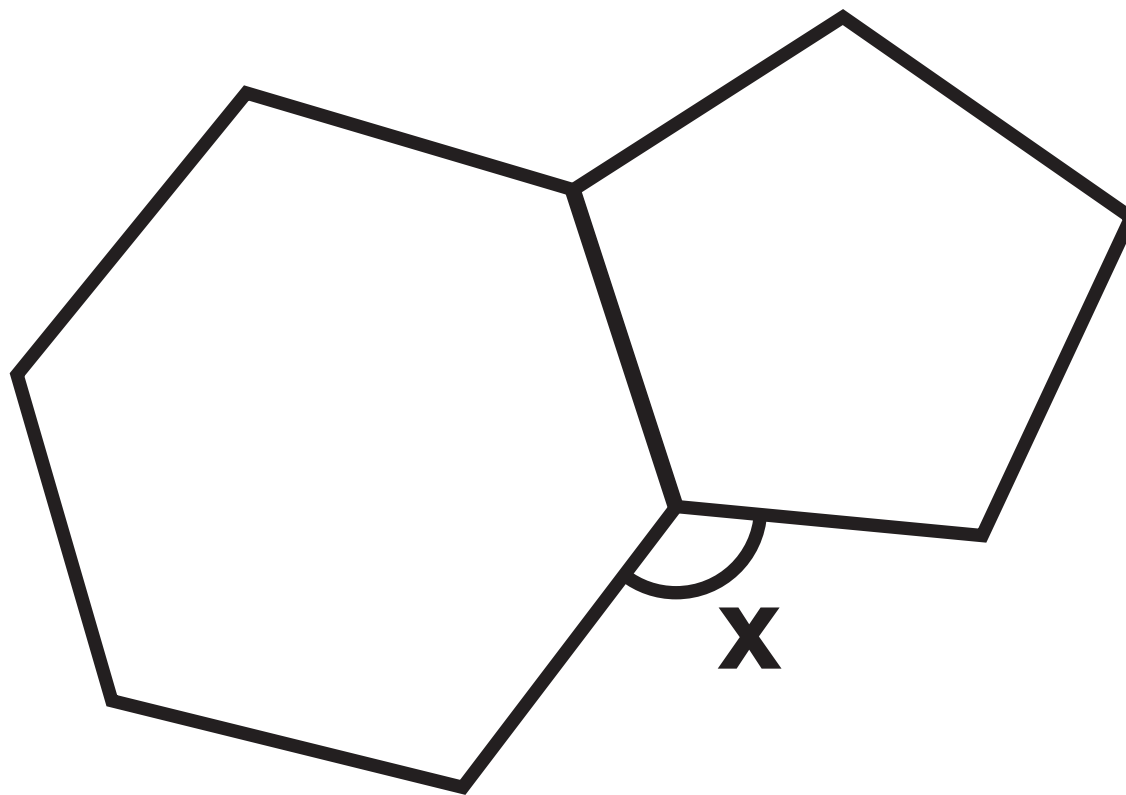
**THIS DIAGRAM BOOKLET MUST BE  
RETURNED WITH THE QUESTION  
PAPER AT THE END OF THE  
EXAMINATION.**

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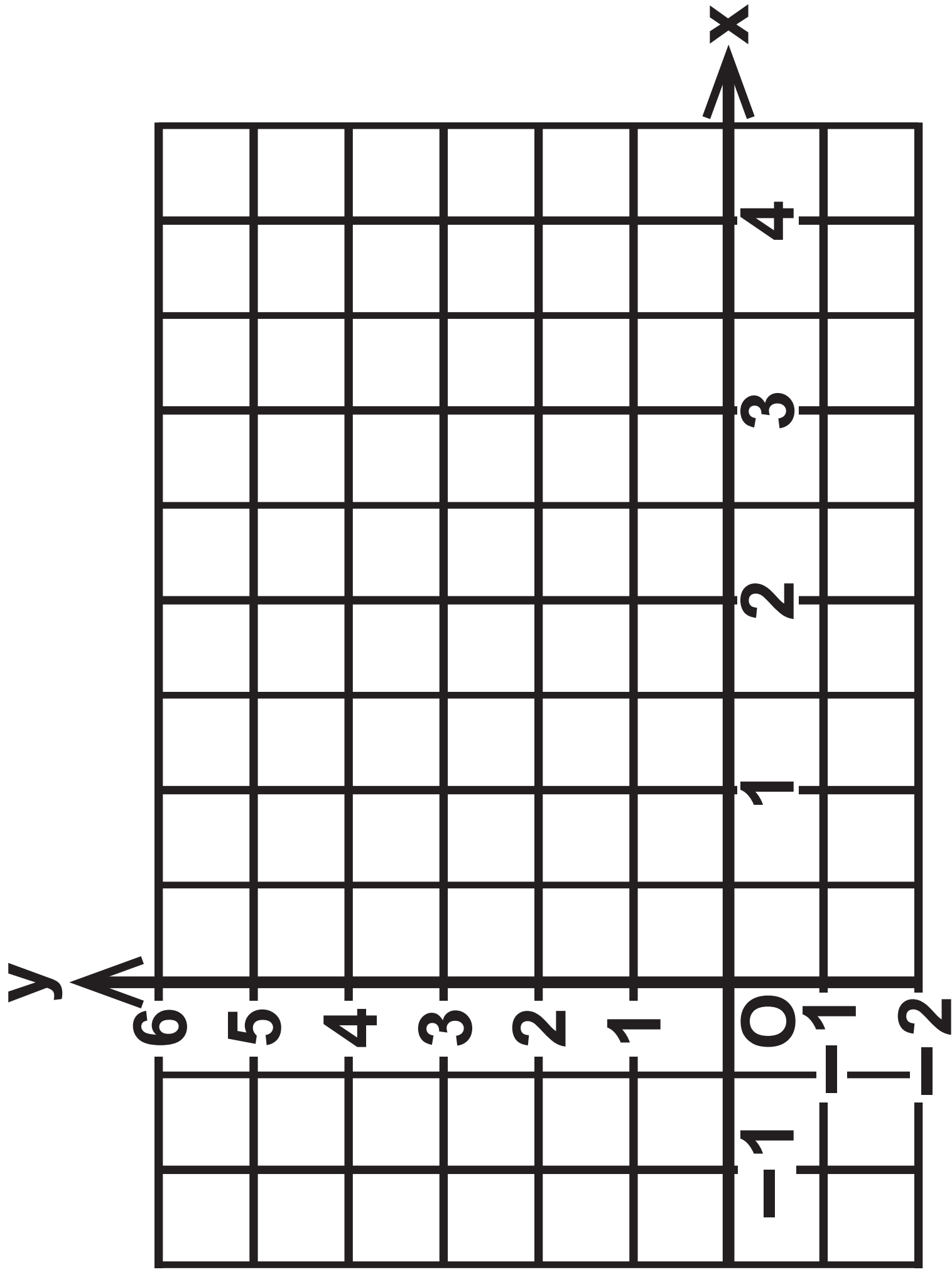
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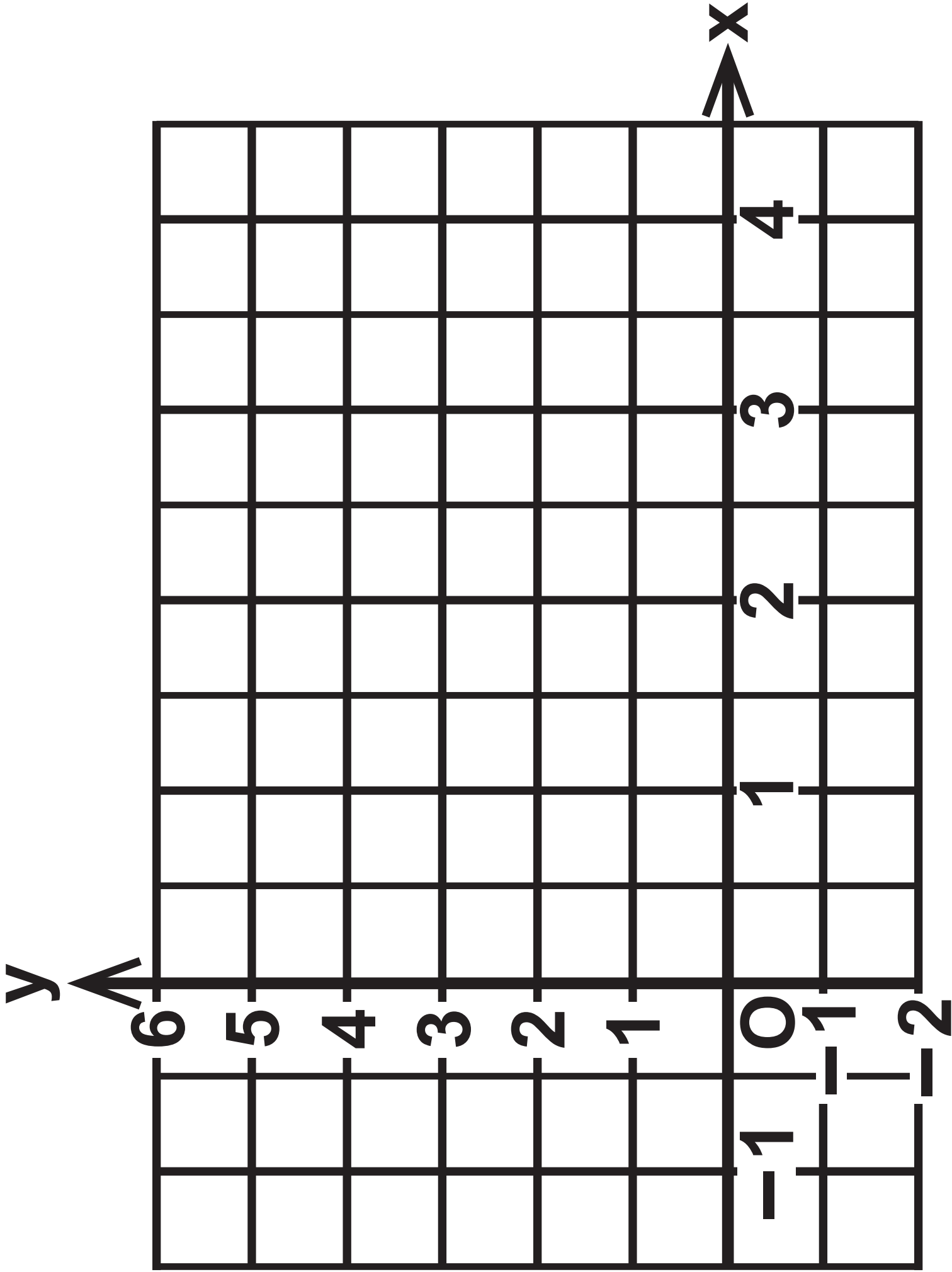
Question 5



Question 6(b)

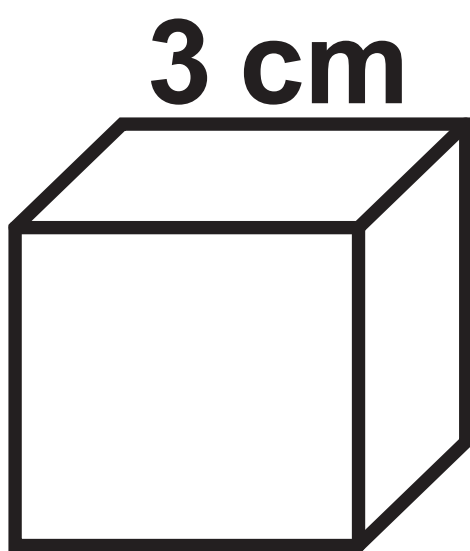


Question 6(b)

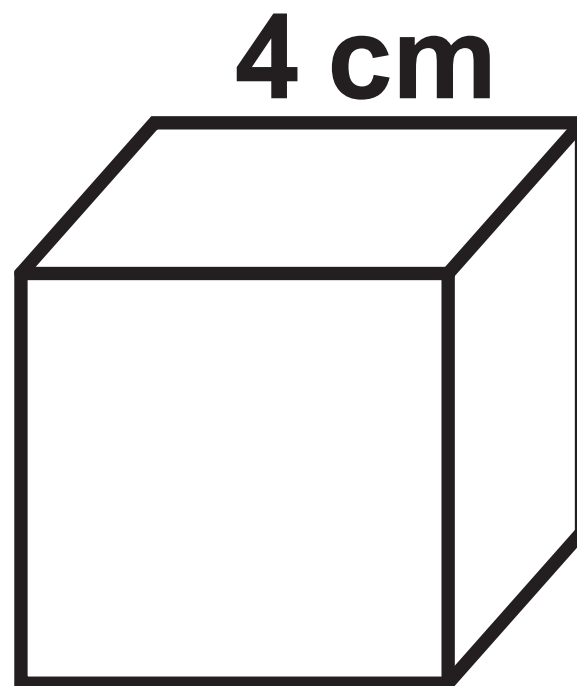


Question 7

cube A



cube B

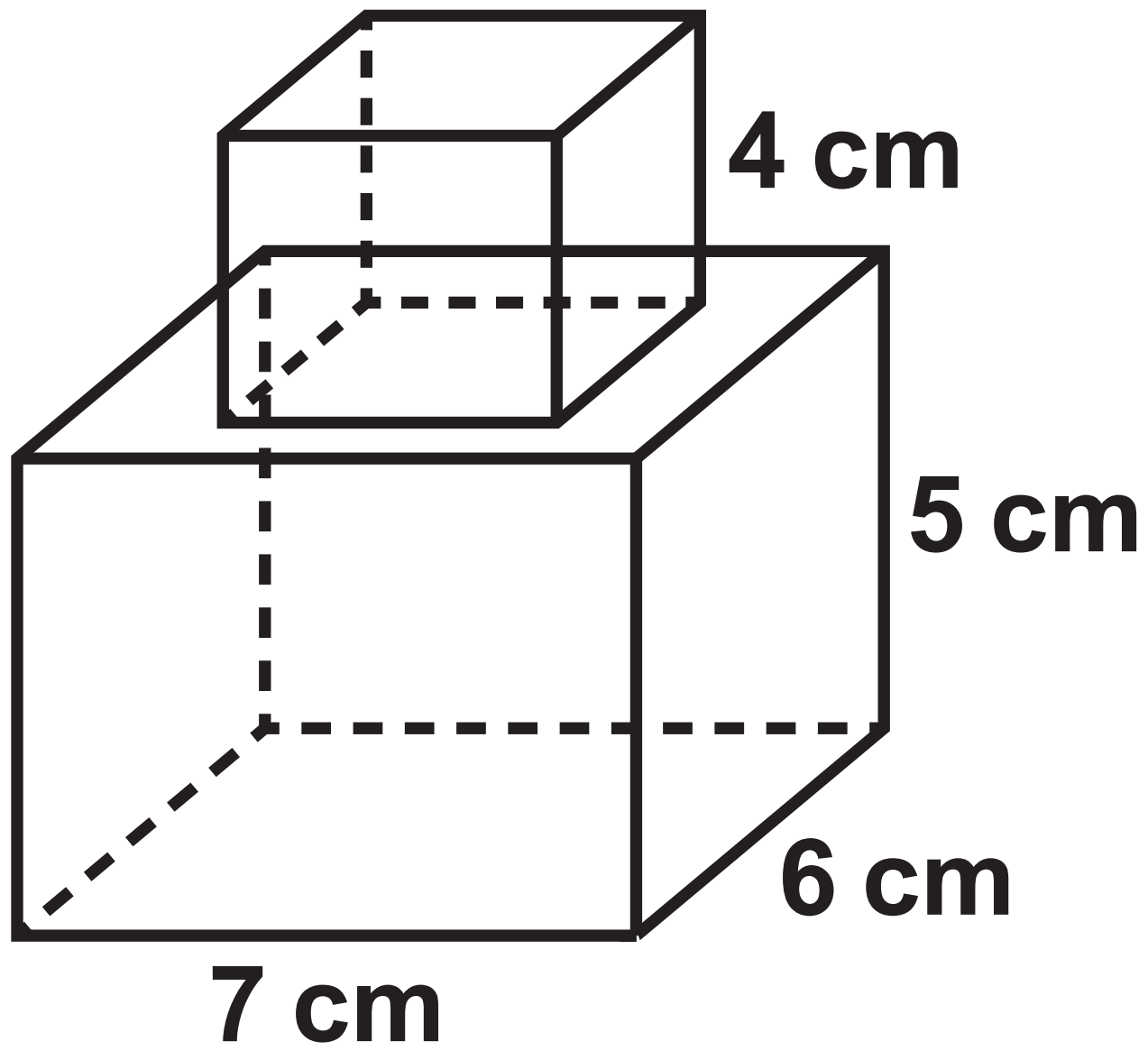


Question 8

| 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         |



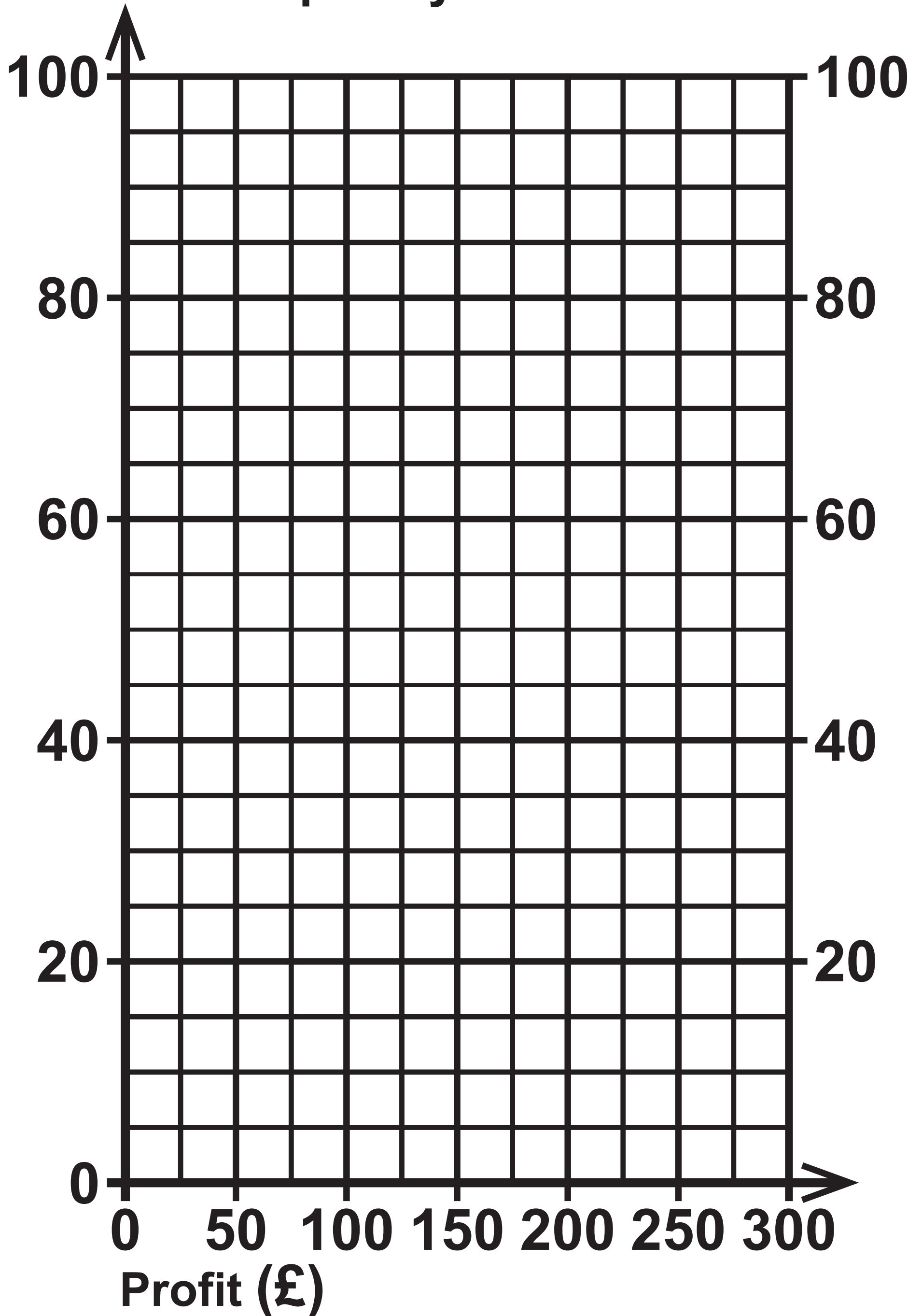
Question 9



## Question 10

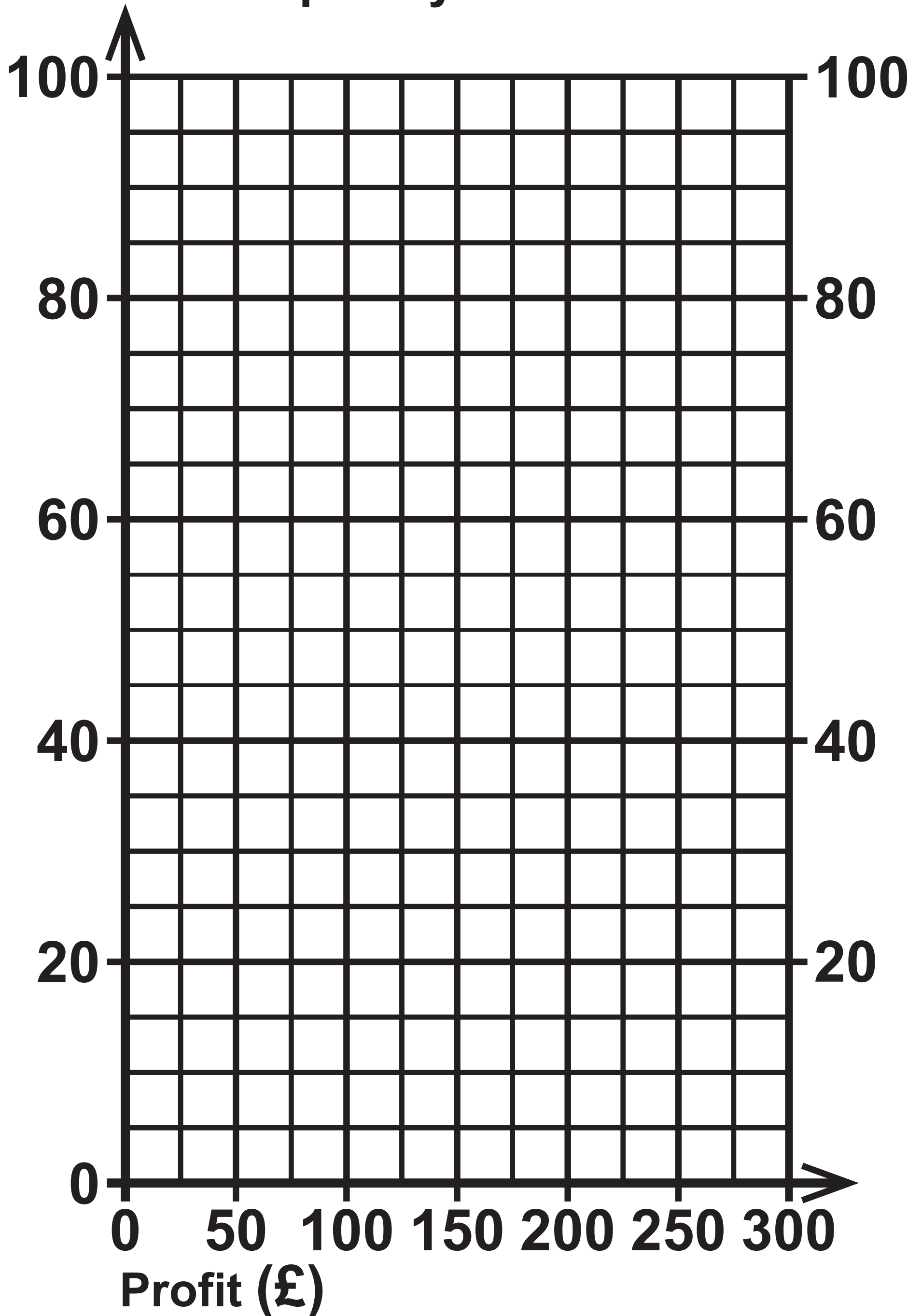
| Profit (£x)        | Frequency |
|--------------------|-----------|
| $0 \leq x < 50$    | 10        |
| $50 \leq x < 100$  | 15        |
| $100 \leq x < 150$ | 30        |
| $150 \leq x < 200$ | 15        |
| $200 \leq x < 250$ | 10        |
| $250 \leq x < 300$ | 20        |

Cumulative frequency



## Question 10(b)

Cumulative frequency



## Question 11

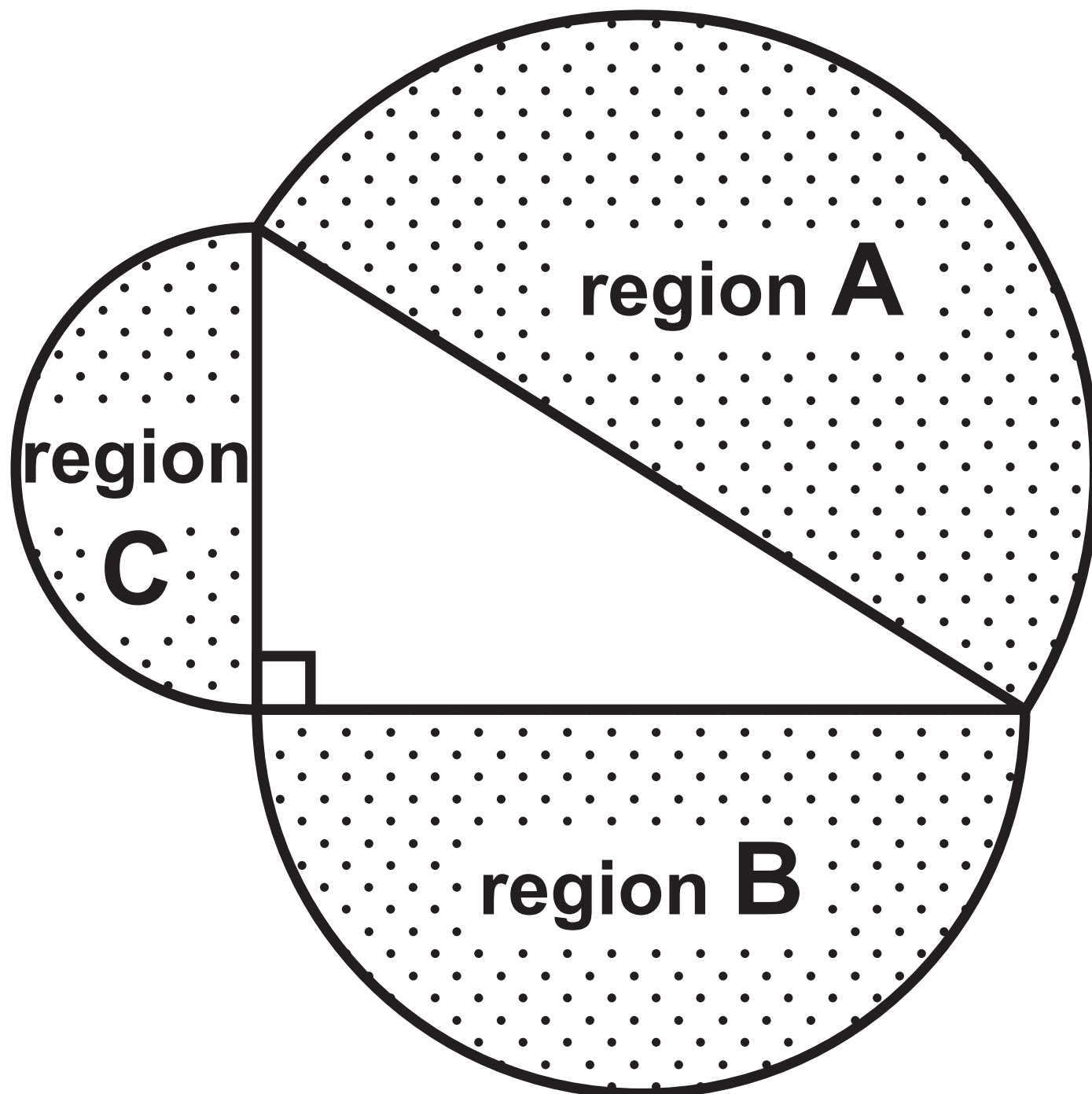
**In the bag**

**number of lime flavoured sweets : number of strawberry**

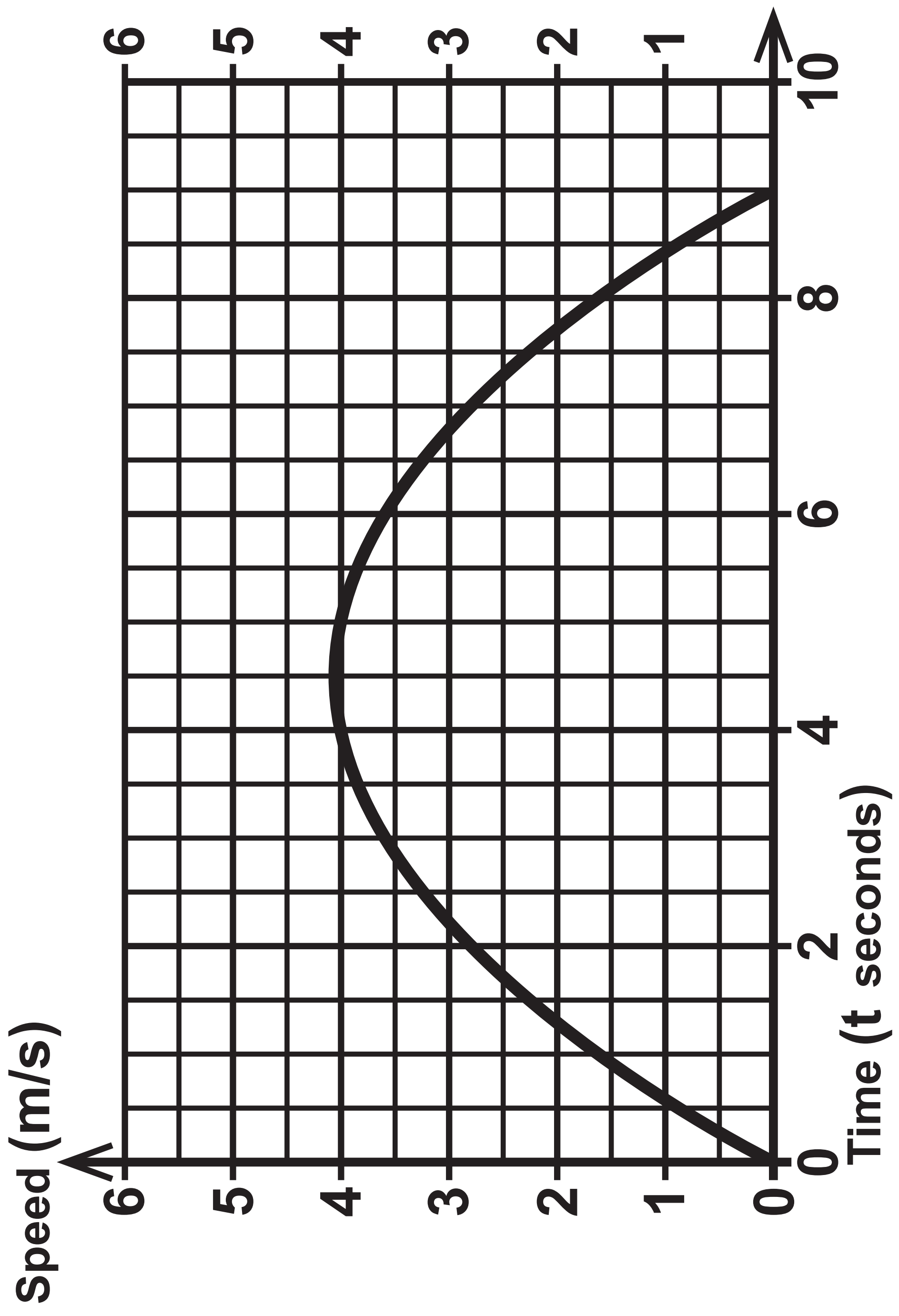
**flavoured sweets : number of orange flavoured sweets =**

**9 : 4 : x**

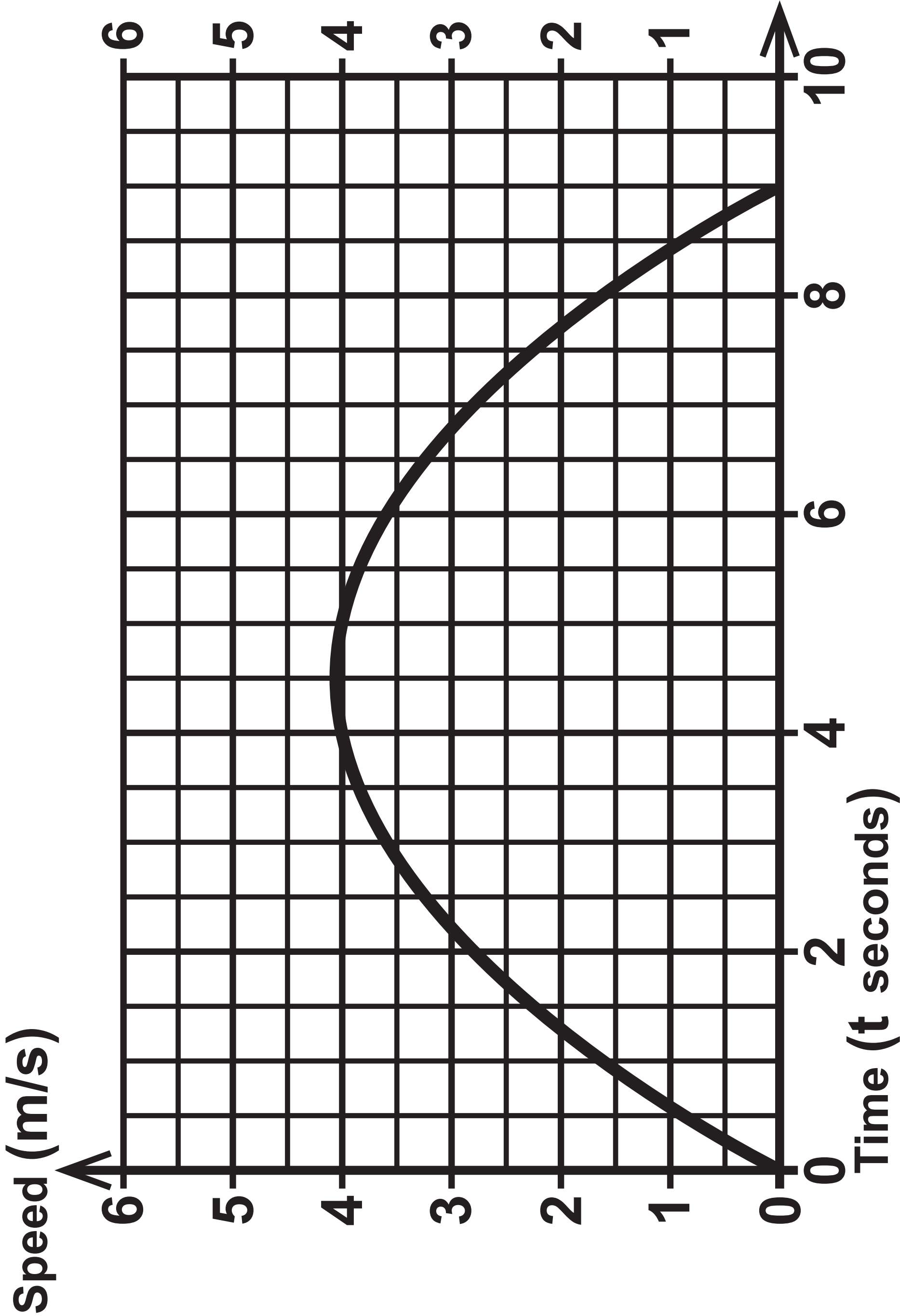
Question 13



Question 14



Question 14





Question 21

