

**Paper Reference 4MA1/2H**  
**Pearson Edexcel**  
**International GCSE**

**Mathematics A**  
**PAPER: 2H**  
**Higher Tier**  
**(Calculator)**

**Diagram Booklet**

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

<b>Surname</b>										
<b>Other names</b>										
<b>Centre Number</b>										
<b>Candidate Number</b>										

## **INSTRUCTIONS**

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

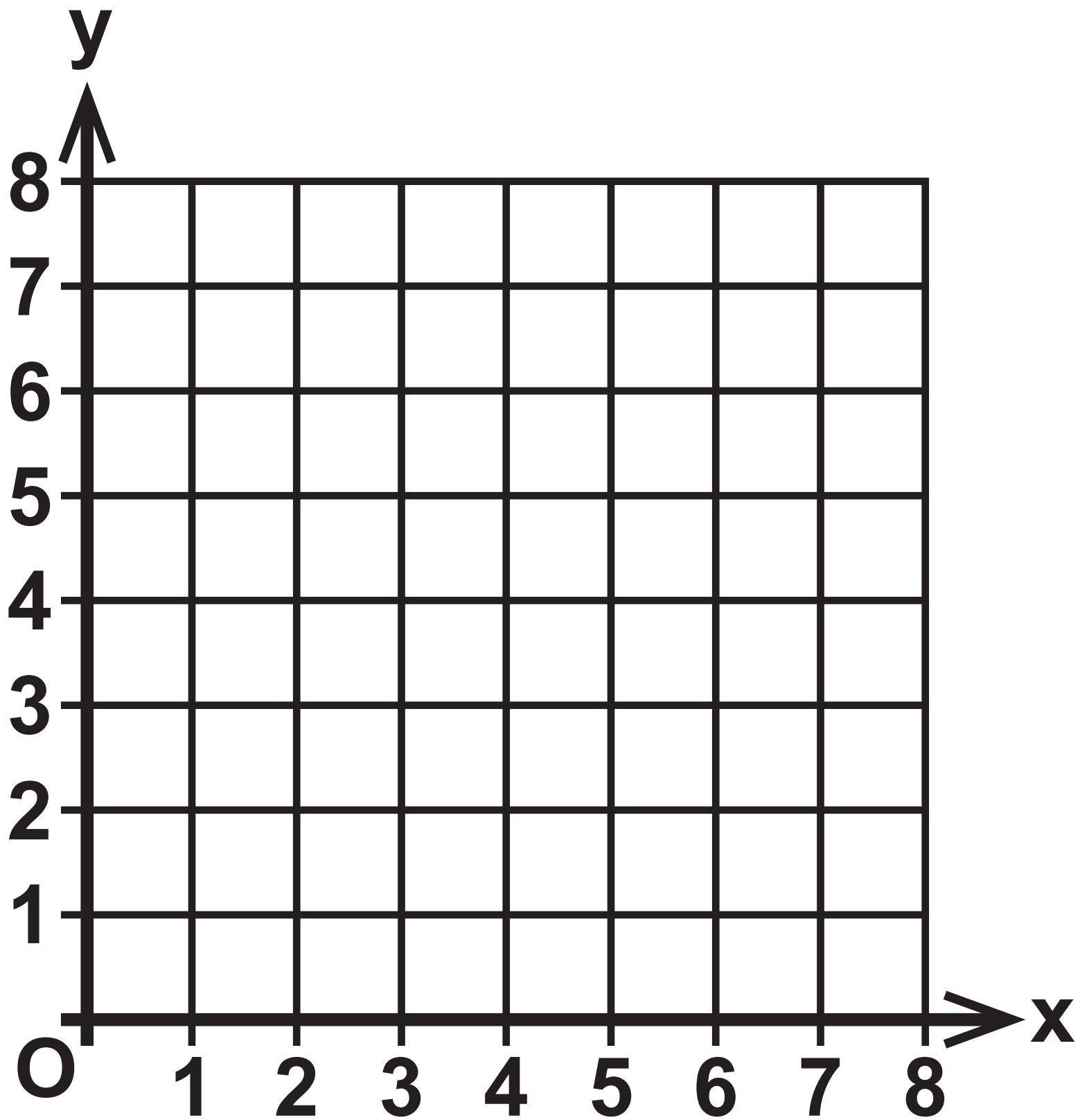
**THIS DIAGRAM BOOKLET MUST BE  
RETURNED WITH THE  
QUESTION PAPER AT THE END OF  
THE EXAMINATION.**

# **Contents**

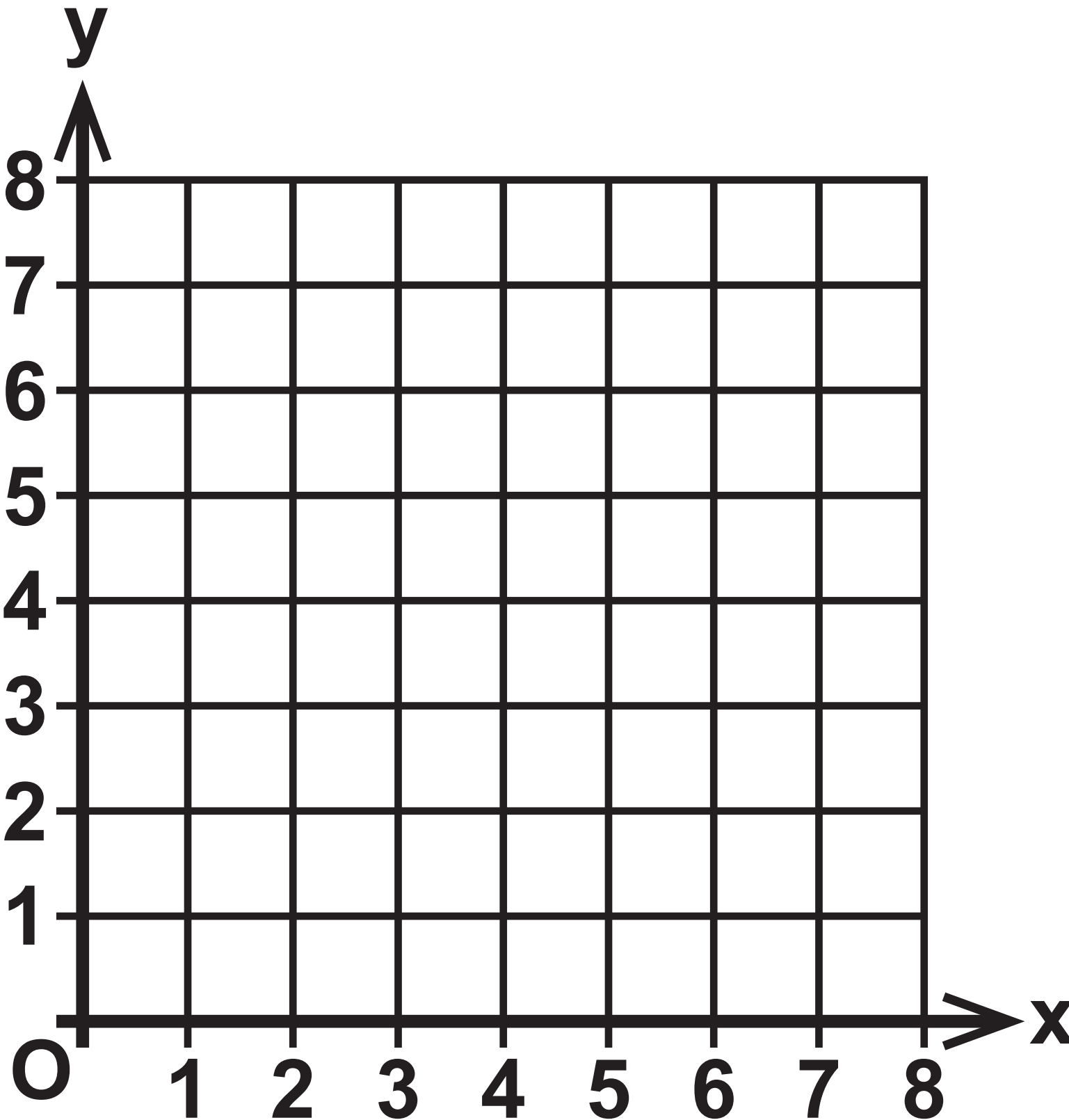
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## Question 2

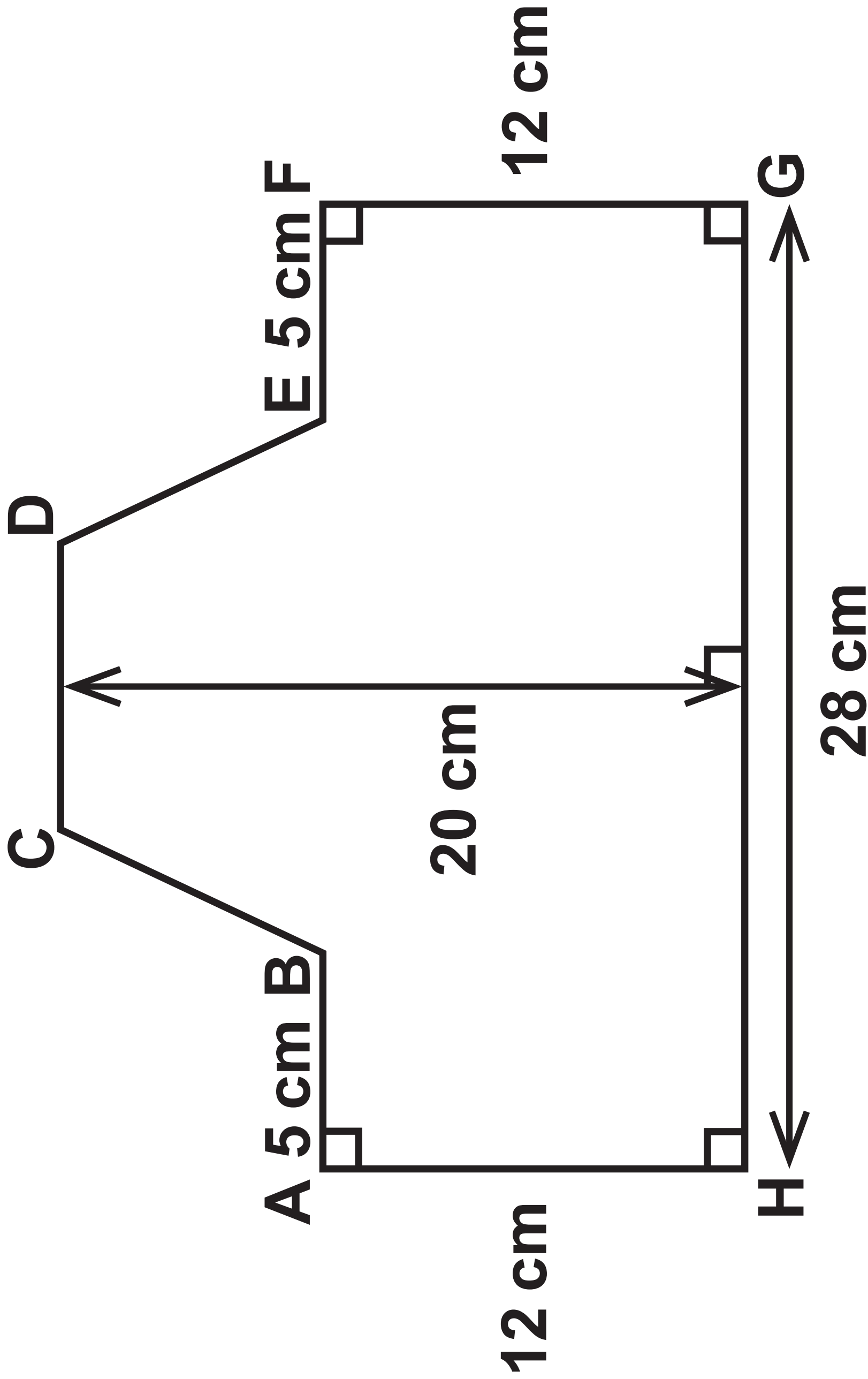


Question 2



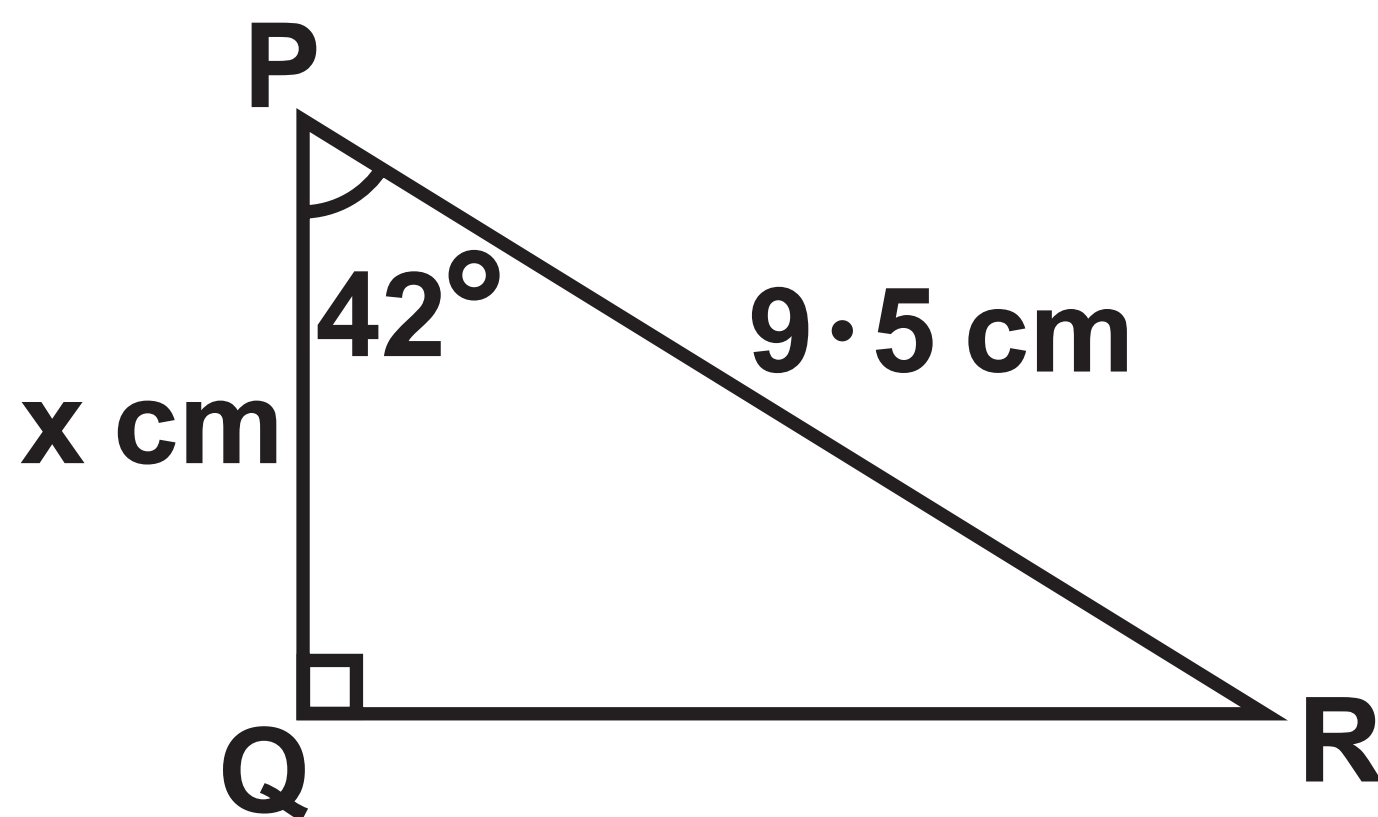
Question 5

Diagram NOT accurately drawn



## Question 6

Diagram NOT accurately drawn



## Question 8

**Behnaz makes 300 celebration cards so that**

**number of birthday cards : number of anniversary cards :**

**number of congratulations cards = 7 : 5 : 3**

**$\frac{2}{5}$  of the birthday cards have numbers on them.**

**36% of the anniversary cards have numbers on them.**

**None of the congratulations cards have numbers on them.**

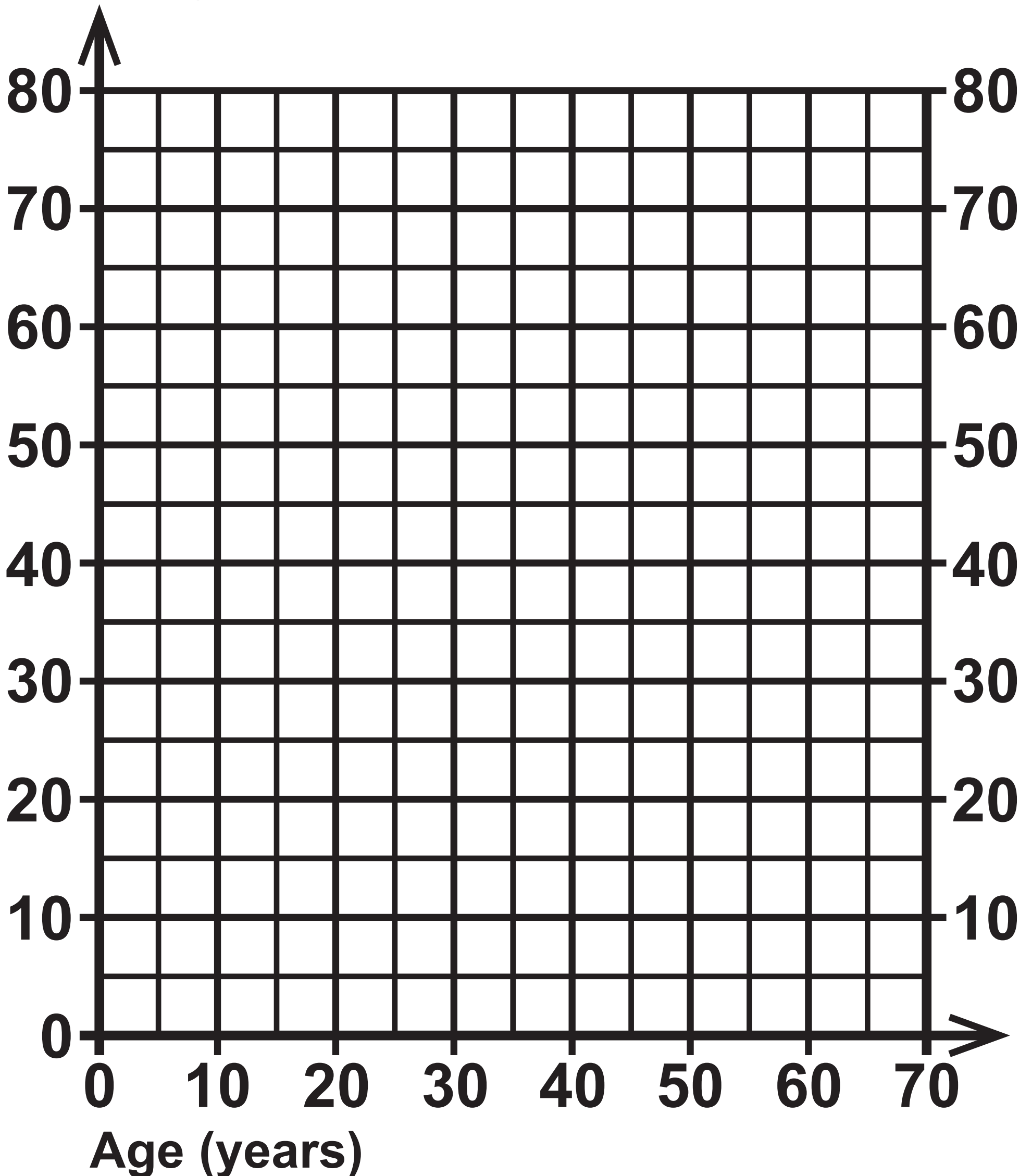


## Question 13

Age ( $a$ years)	Frequency
$0 < a \leq 20$	5
$20 < a \leq 30$	20
$30 < a \leq 40$	30
$40 < a \leq 50$	15
$50 < a \leq 60$	5
$60 < a \leq 70$	5

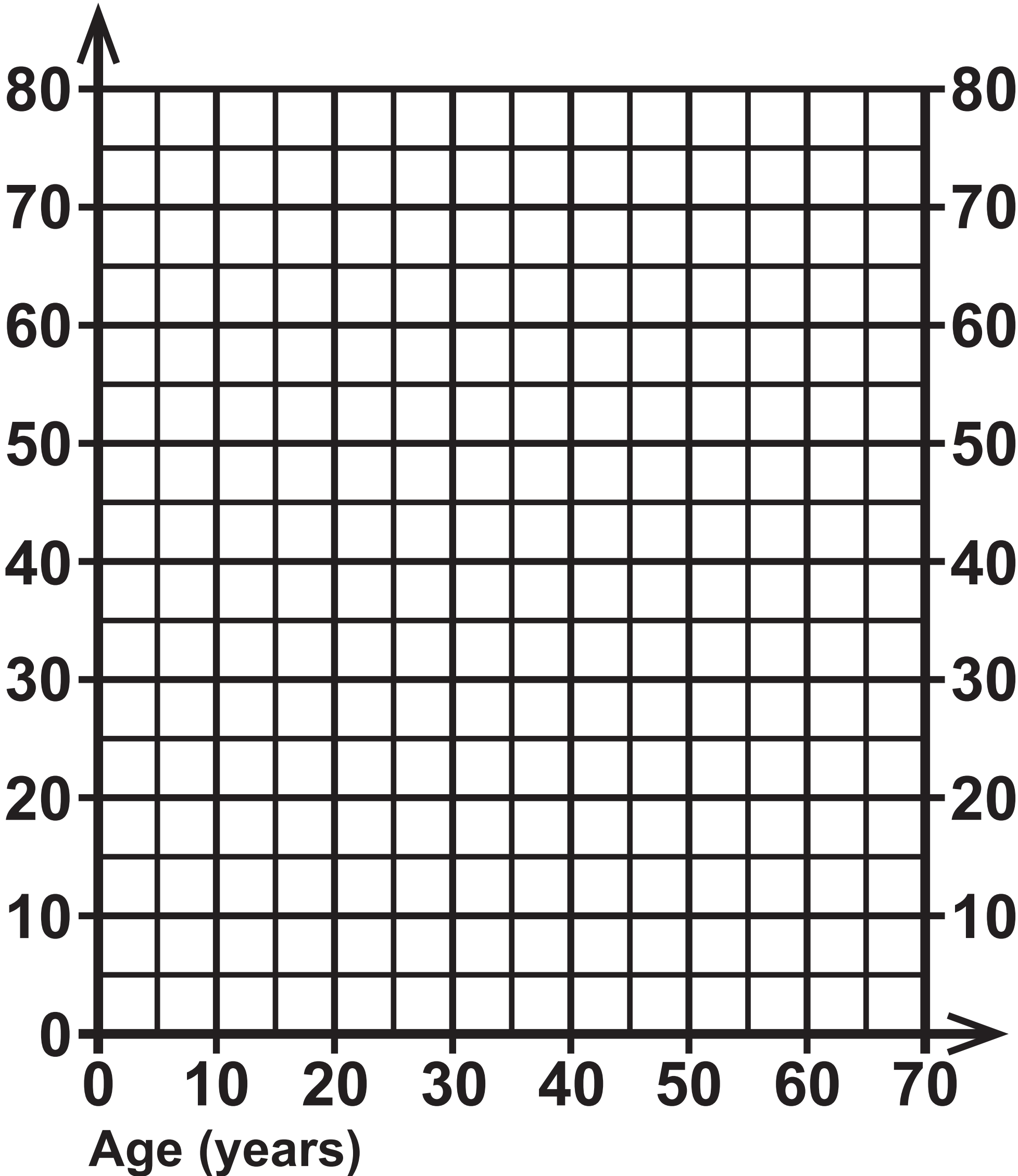
# Question 13(b)

Cumulative  
frequency

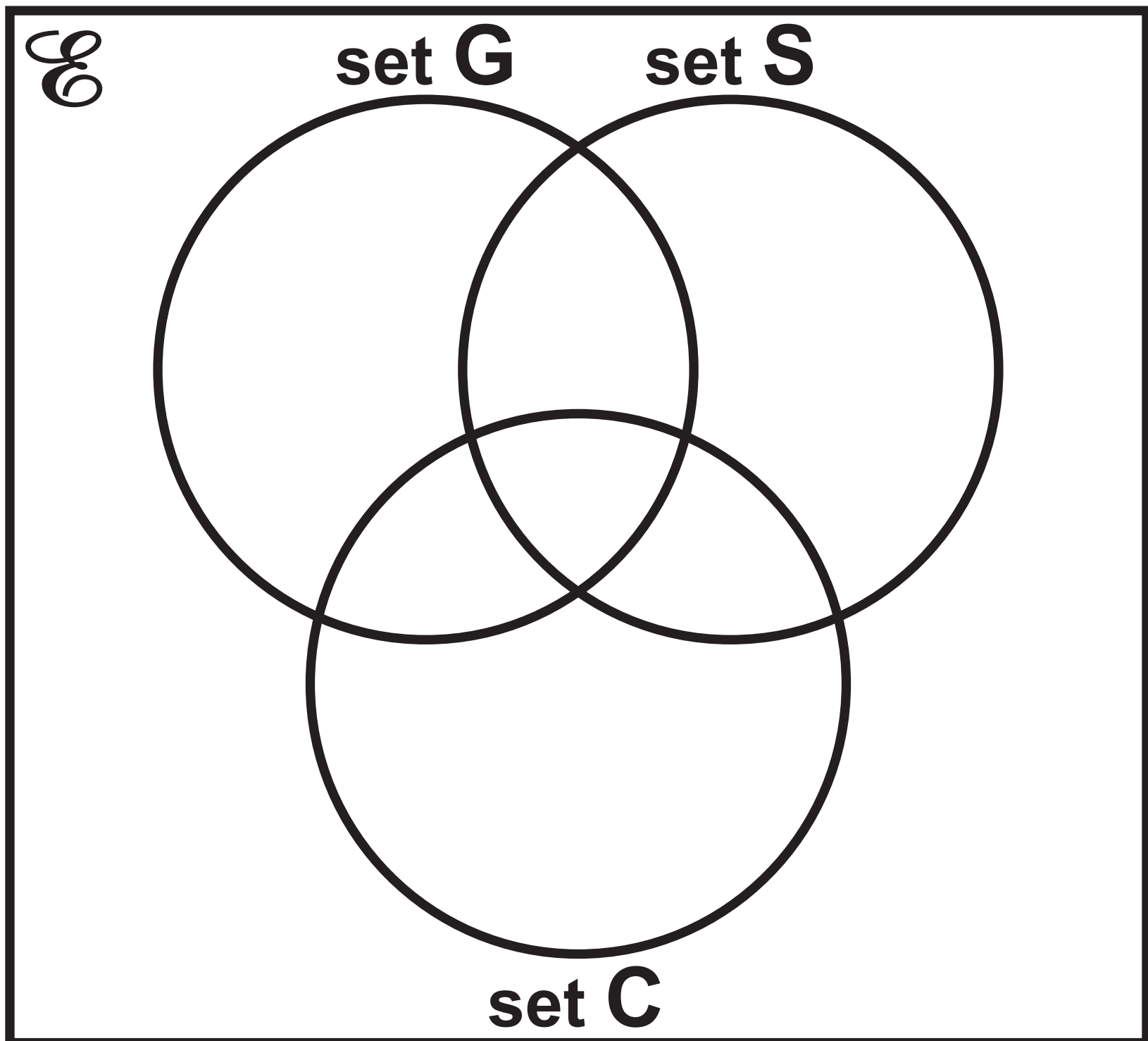


Question 13(b)

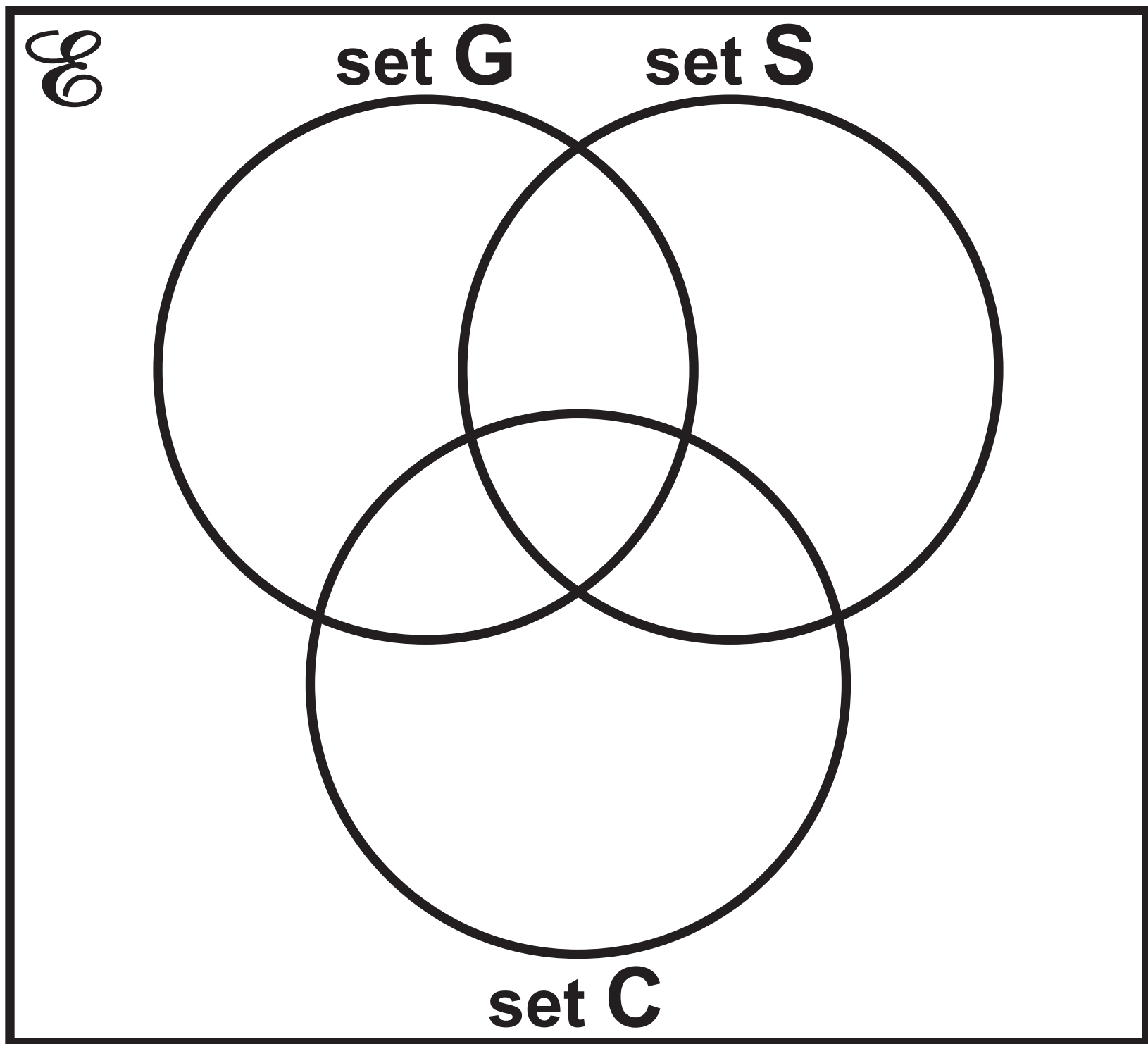
Cumulative  
frequency



Question 16

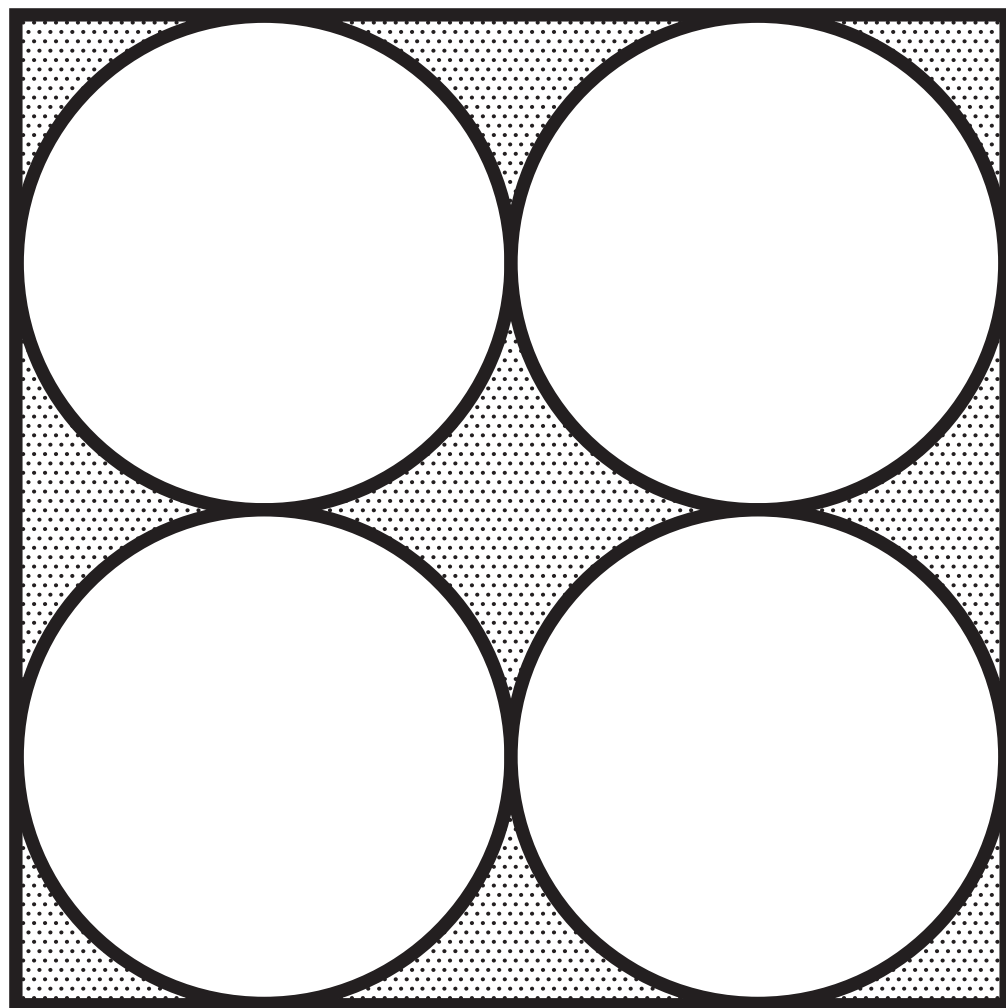


# Question 16



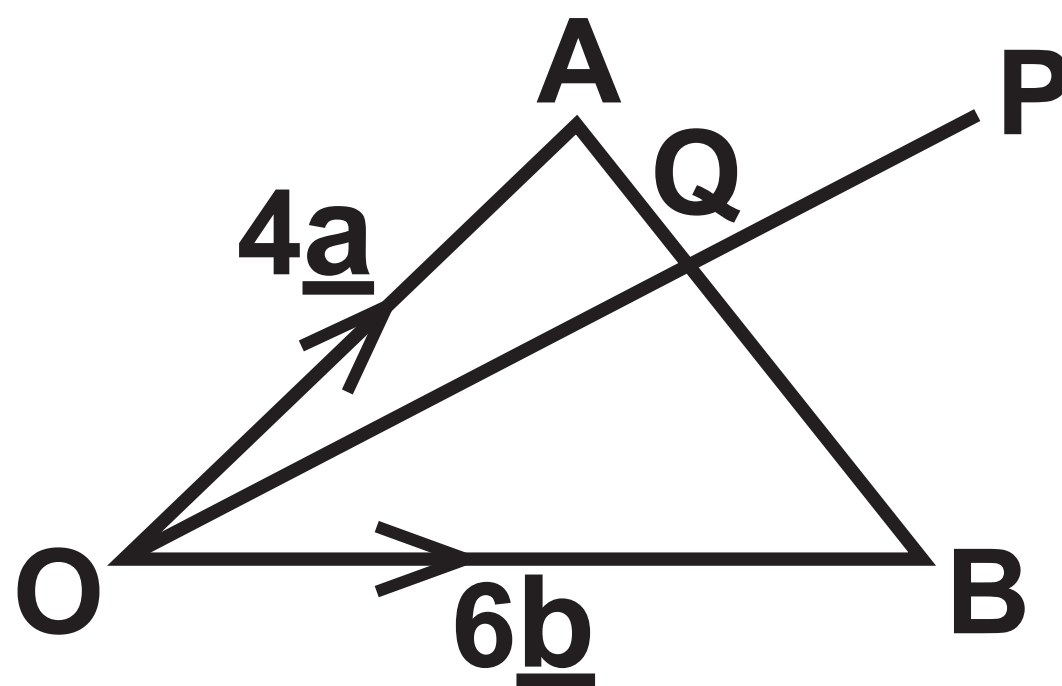
## Question 20

**Diagram NOT accurately drawn**



# Question 21

Diagram NOT accurately drawn



## Question 23

