Mathematics A
PAPER: 2H
Higher Tier
(Calculator)

Diagram Booklet

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

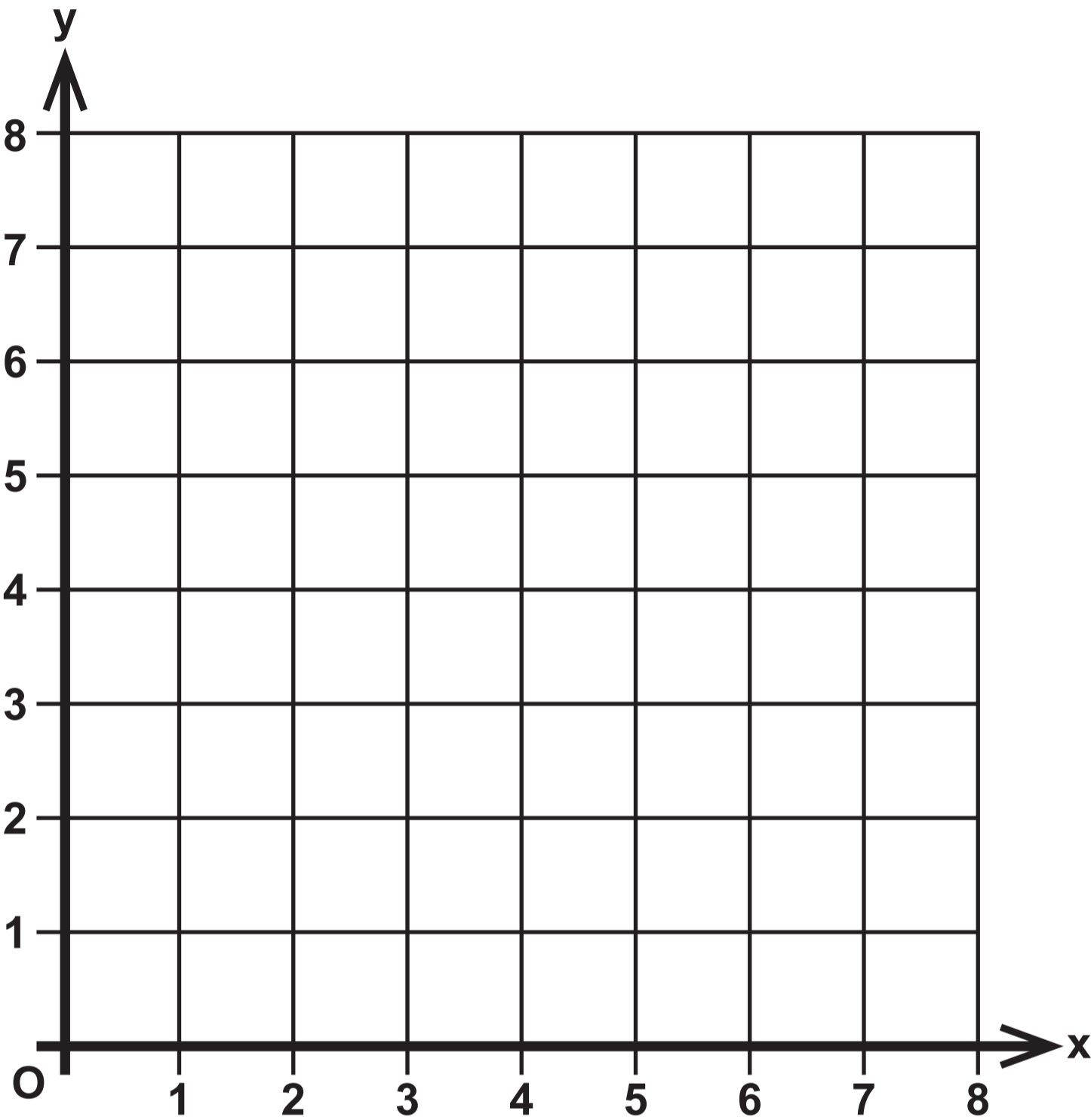| Surname	
Other names	
Centre Number	
Candidate Number	

Pearson

INSTRUCTIONS

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

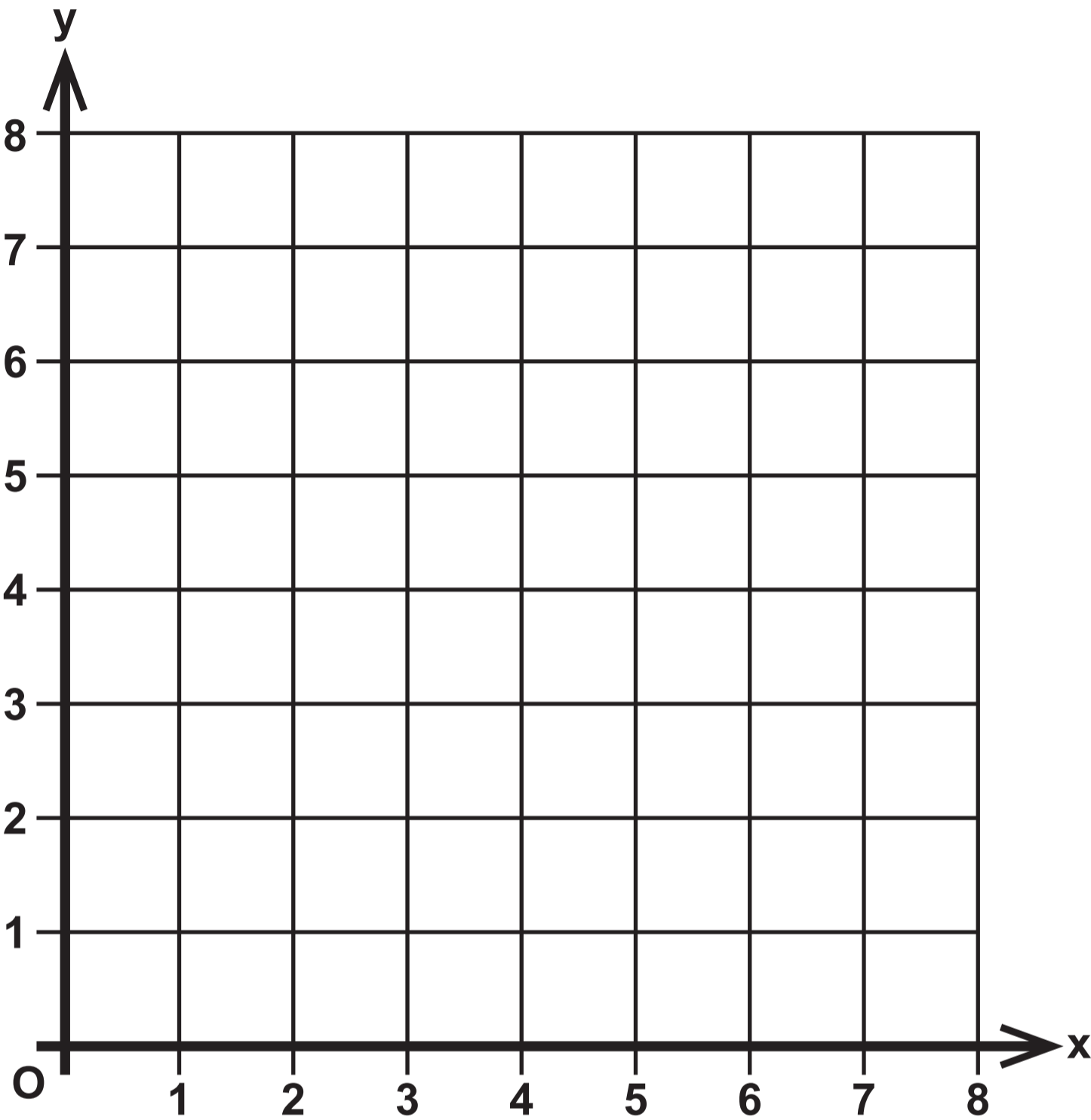THIS DIAGRAM BOOKLET **MUST** BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

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Question 2
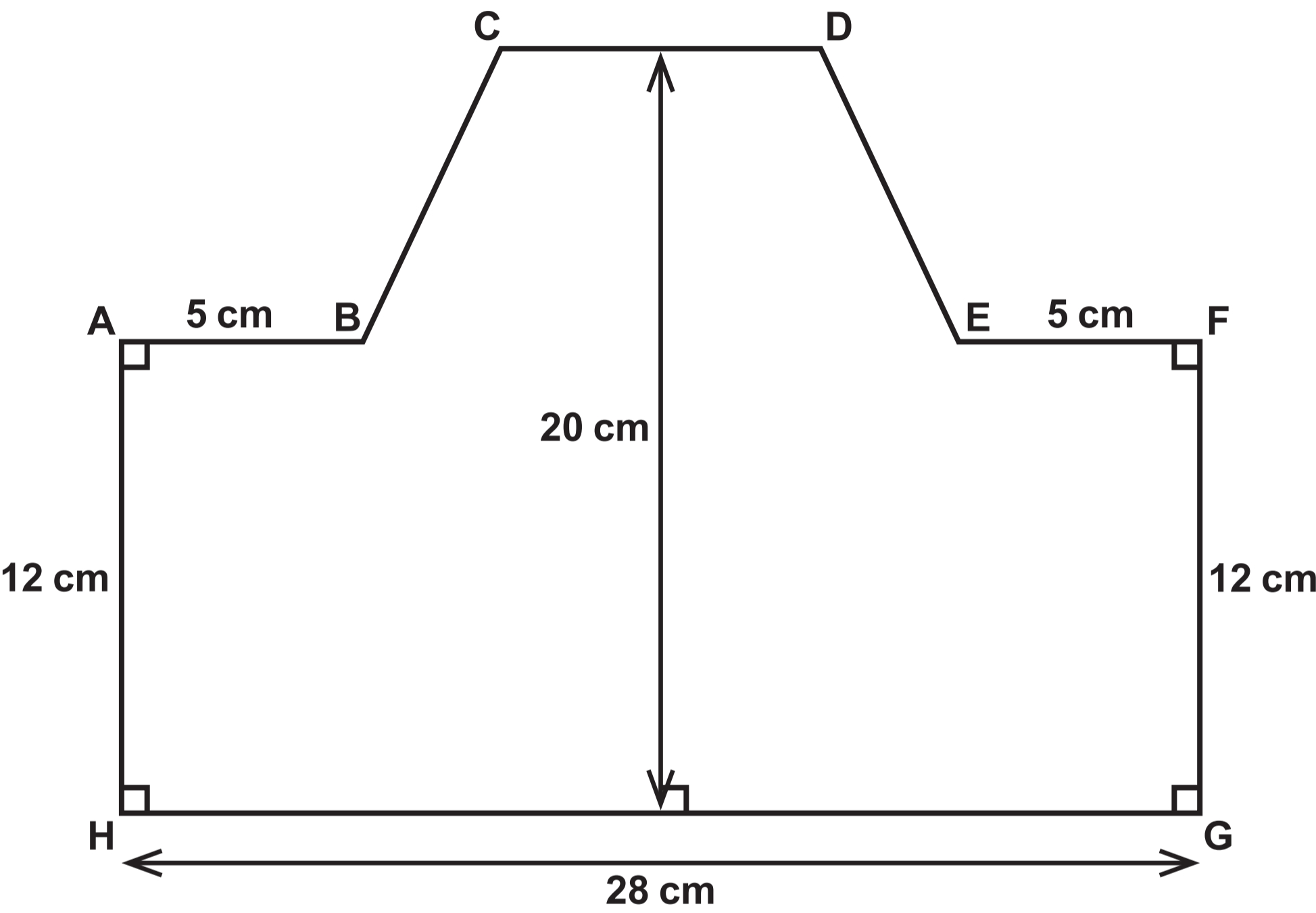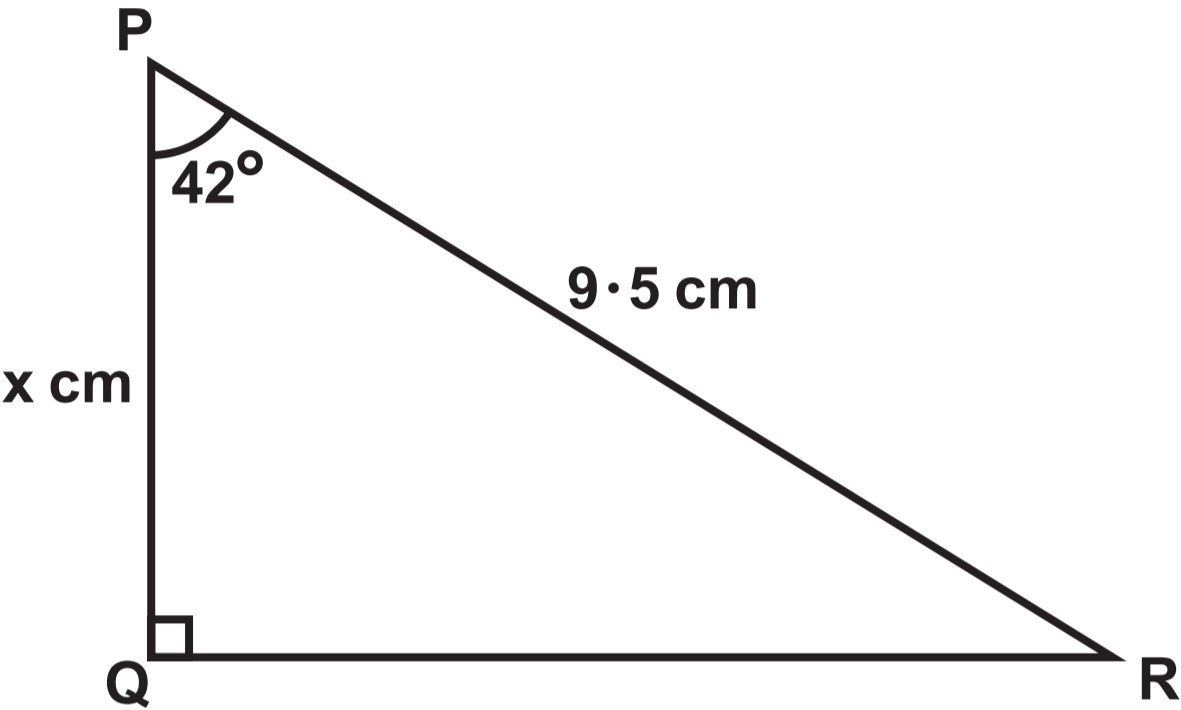
Question 2

Question 5

Diagram NOT accurately drawn

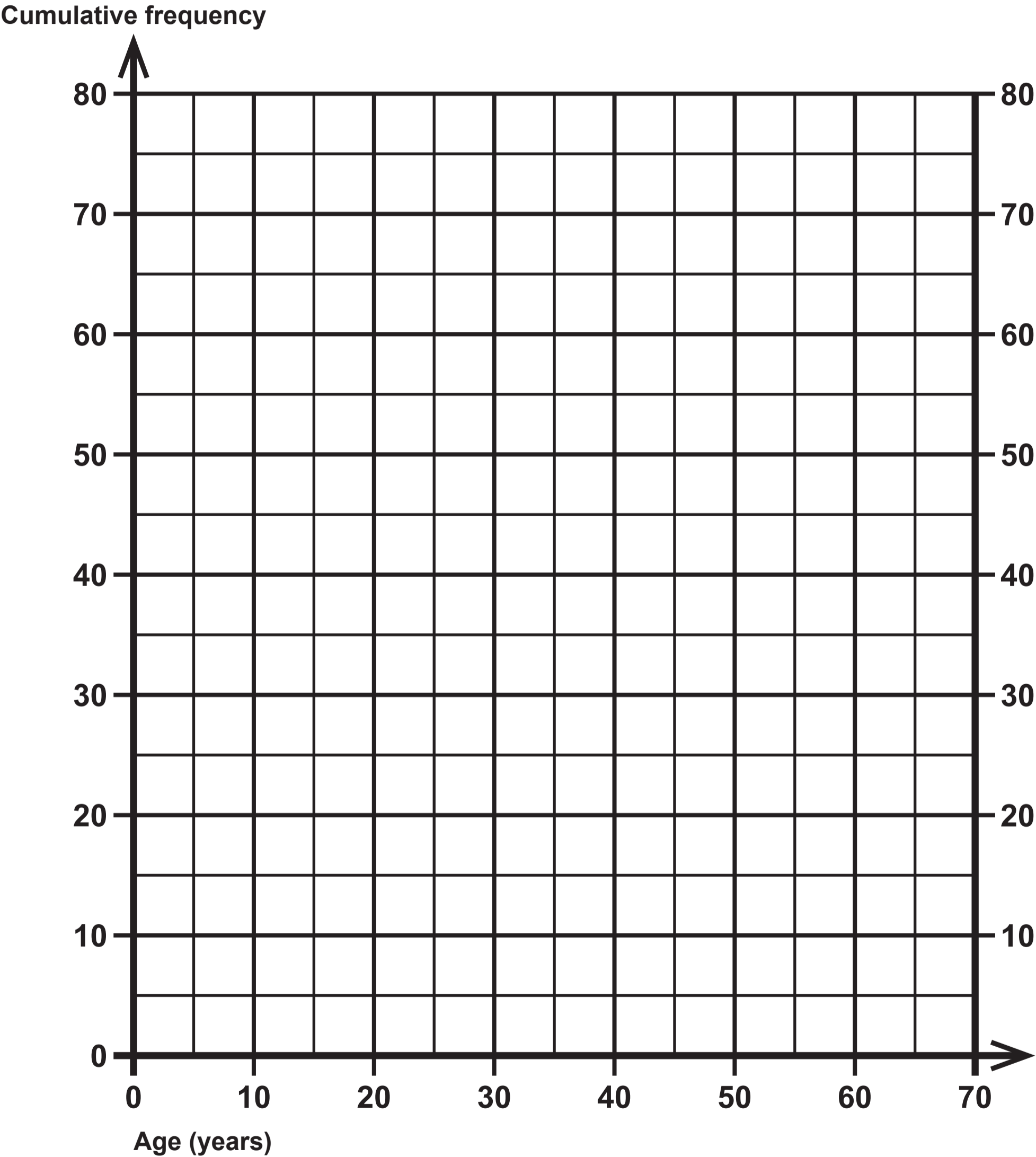**Question 6**

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.

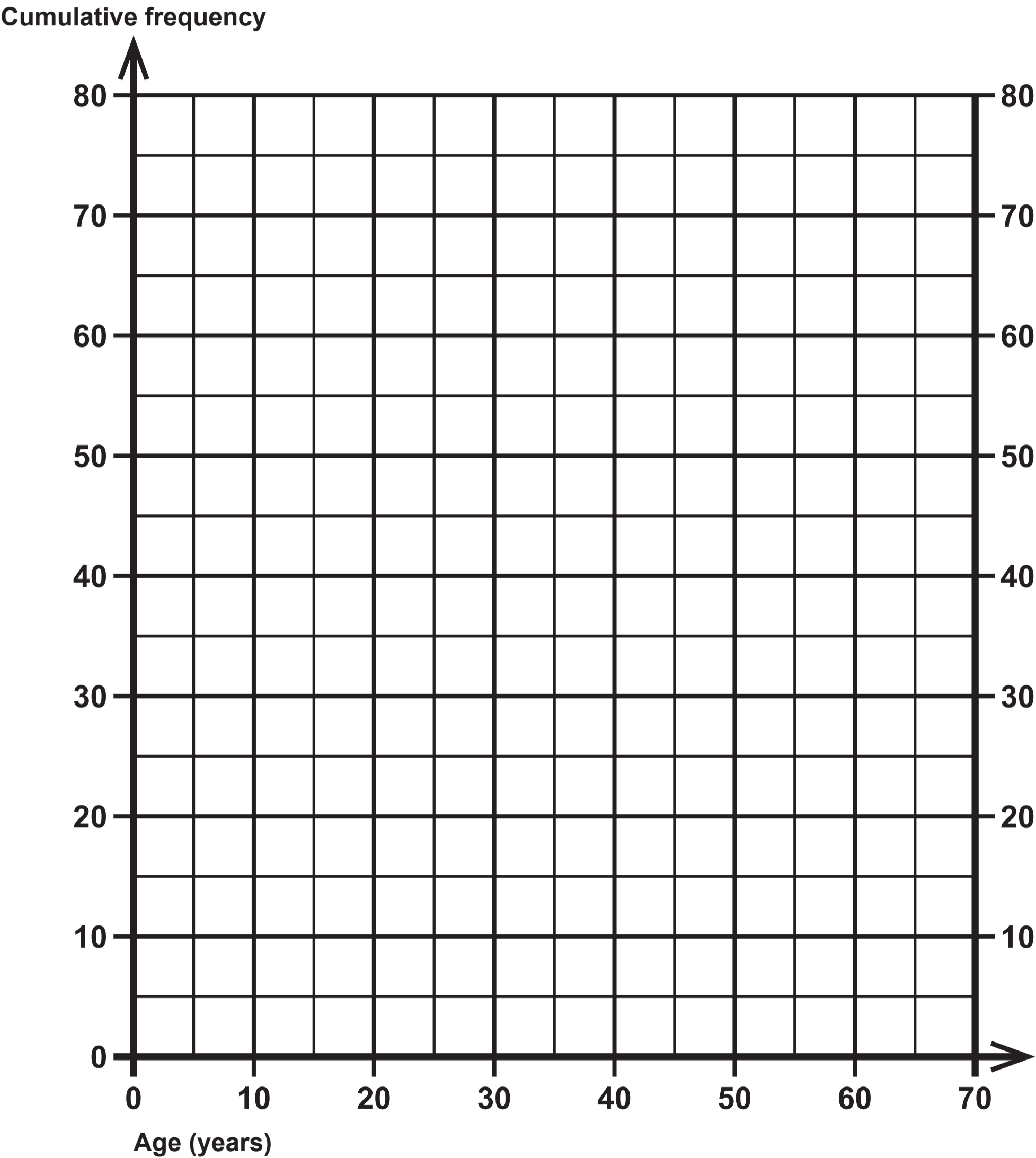None of the congratulations cards have numbers on them.

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

Age (years)

Question 13(b)

Cumulative frequency

Age (years)

Question 16

$\mathcal{E}$

set G   set S

set C

Question 16

$\mathcal{E}$

set G

set S

set C
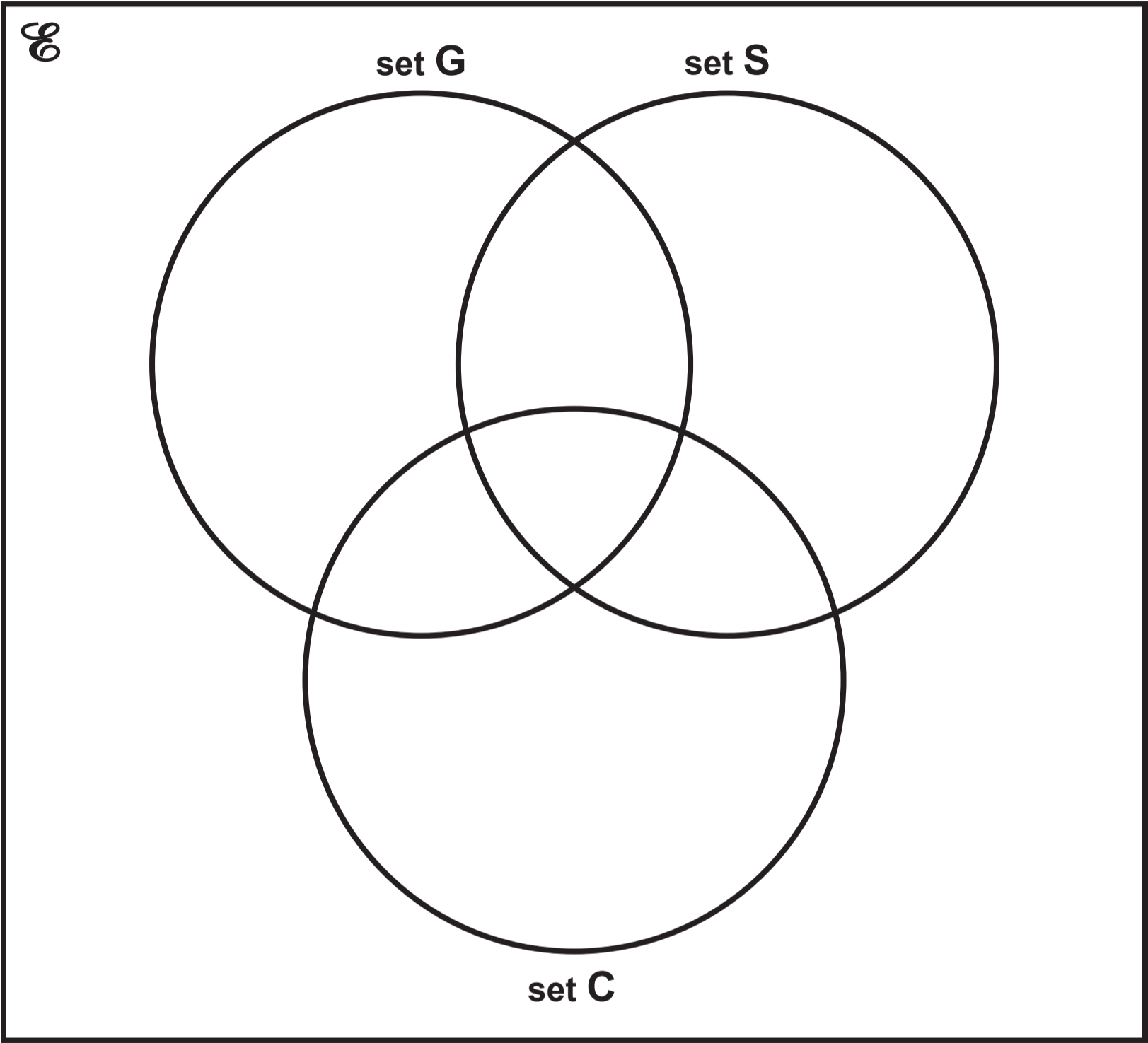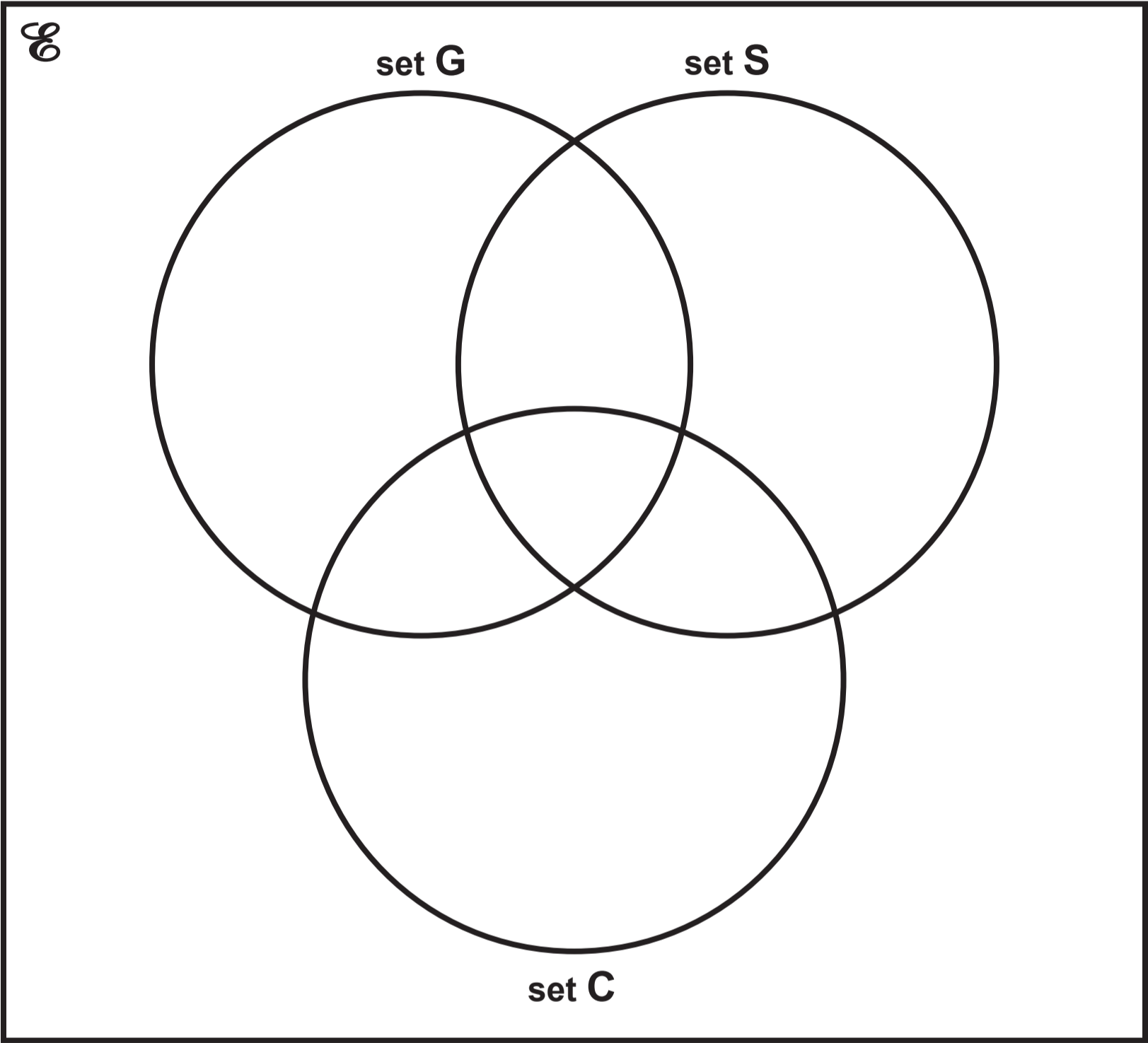
Question 20

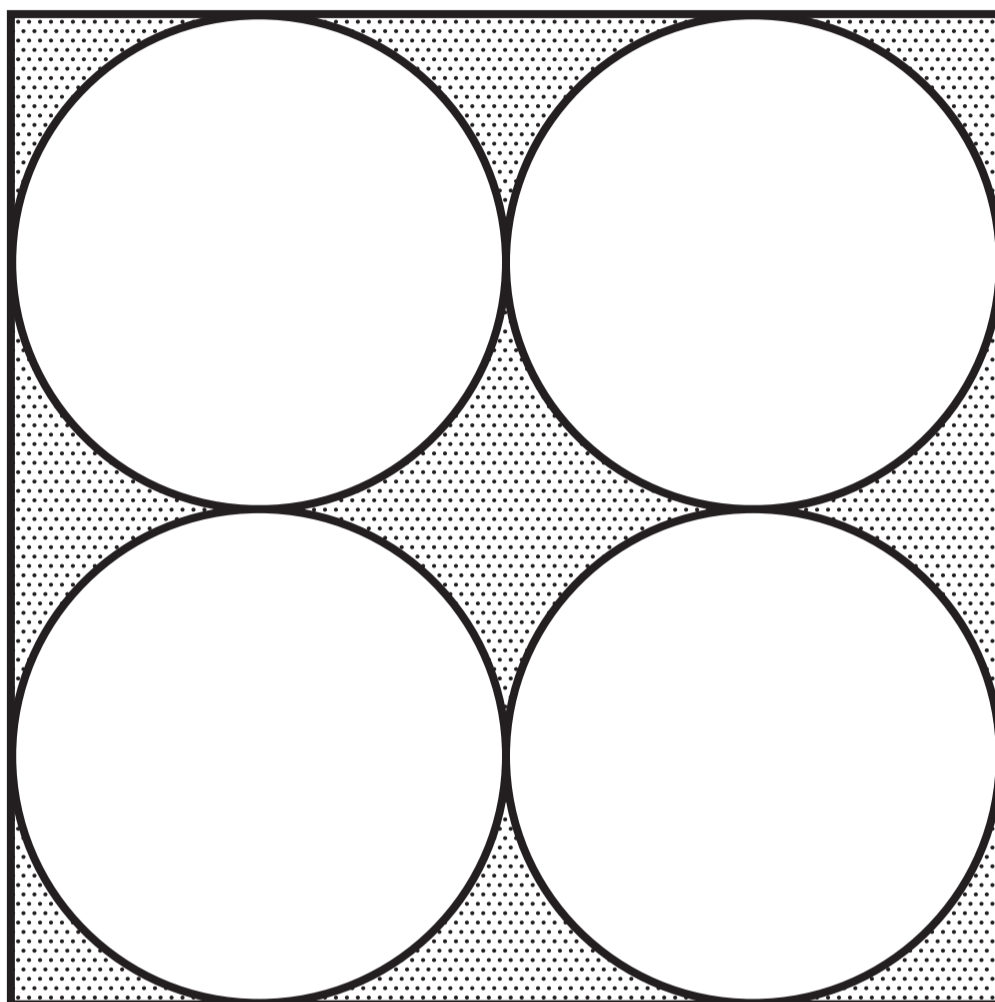**Diagram NOT accurately drawn**

Question 21

Diagram NOT accurately drawn

Question 23