

**Paper Reference 4MA1/1F**  
**Pearson Edexcel**  
**International GCSE**

**Mathematics A**  
**PAPER: 1F**  
**Foundation 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**

## **Page**

<b>5</b>	<b>Question 1</b>
<b>6</b>	<b>Question 3</b>
<b>7</b>	<b>Question 4(a)</b>
<b>8</b>	<b>Question 4(b)</b>
<b>9</b>	<b>Question 4(b) (Spare copy)</b>
<b>10</b>	<b>Question 4(c)</b>
<b>11</b>	<b>Question 6(a) (NOT accurately drawn)</b>
<b>12</b>	<b>Question 6(b) (NOT accurately drawn)</b>
<b>13</b>	<b>Question 9</b>
<b>14</b>	<b>Question 9 (Spare copy)</b>
<b>15</b>	<b>Question 12</b>
<b>16</b>	<b>Question 13</b>

**(continued on the next page)**

**Contents continued.**

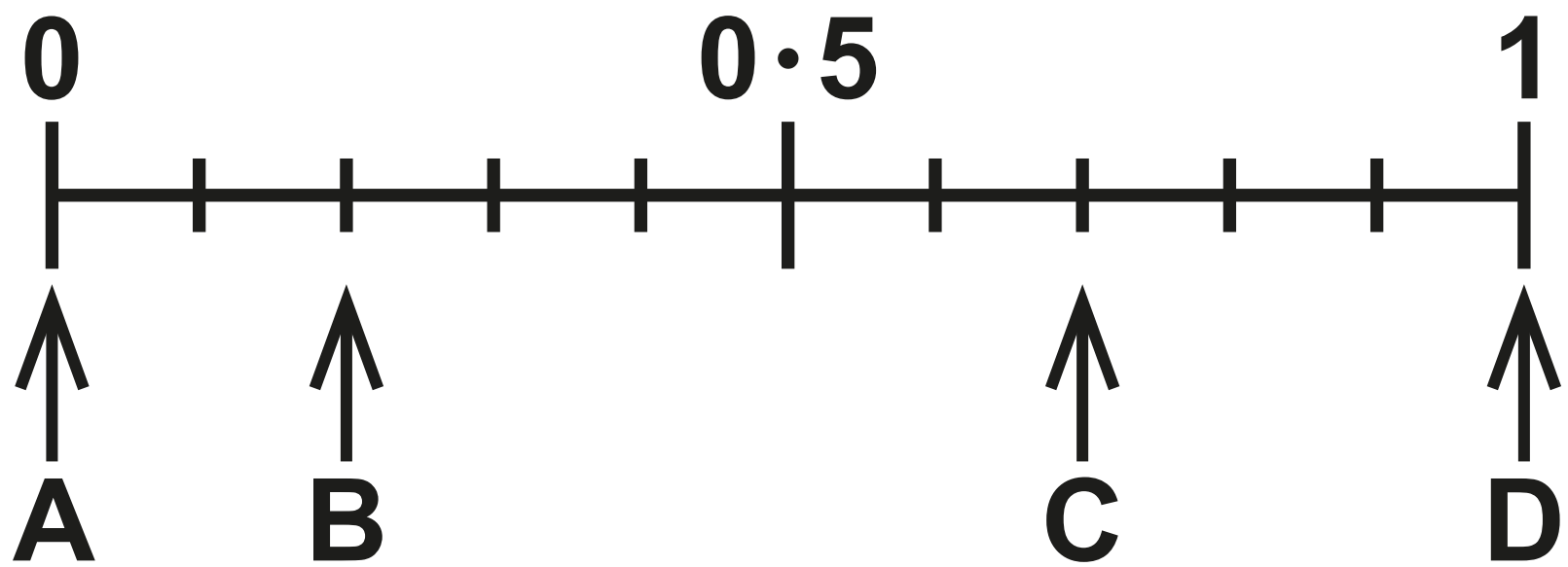
**Page**

- 17 Question 13 (Spare copy)**
- 18 Question 15 (NOT accurately drawn)**
- 19 Question 17**
- 20 Question 19 (NOT accurately drawn)**
- 21 Question 21(a)**
- 22 Question 22 (NOT accurately drawn)**

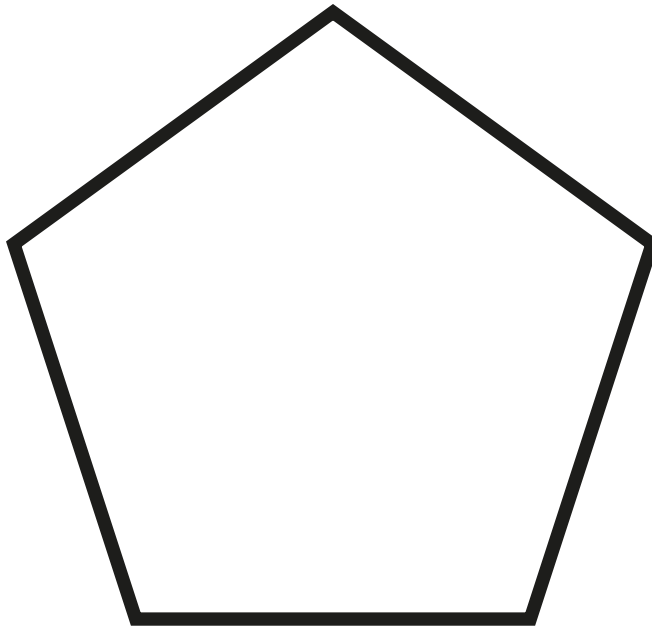
Question 1

City	Age (years)
Cadiz	3124
Suzhou	2534
Jenin	4469
Nanjing	2516
Gaziantep	5669
Alexandria	2351

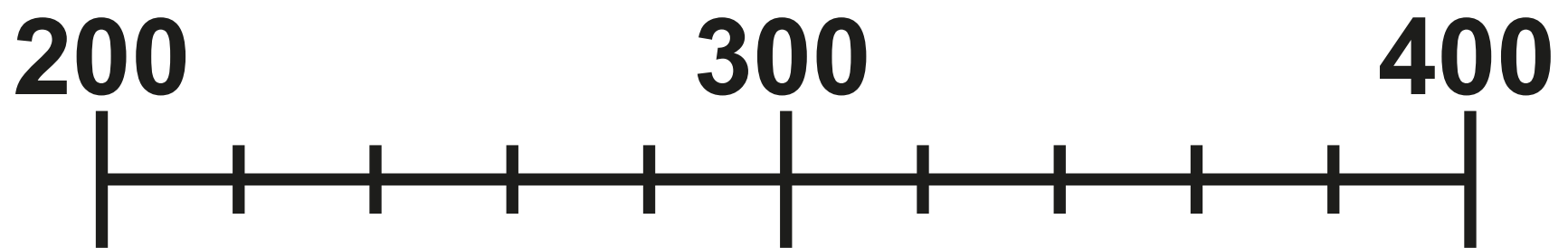
## Question 3



Question 4(a)

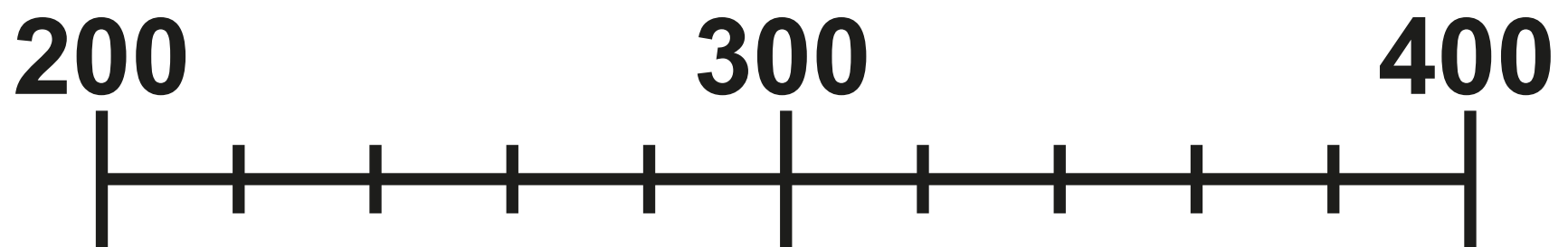


Question 4(b)

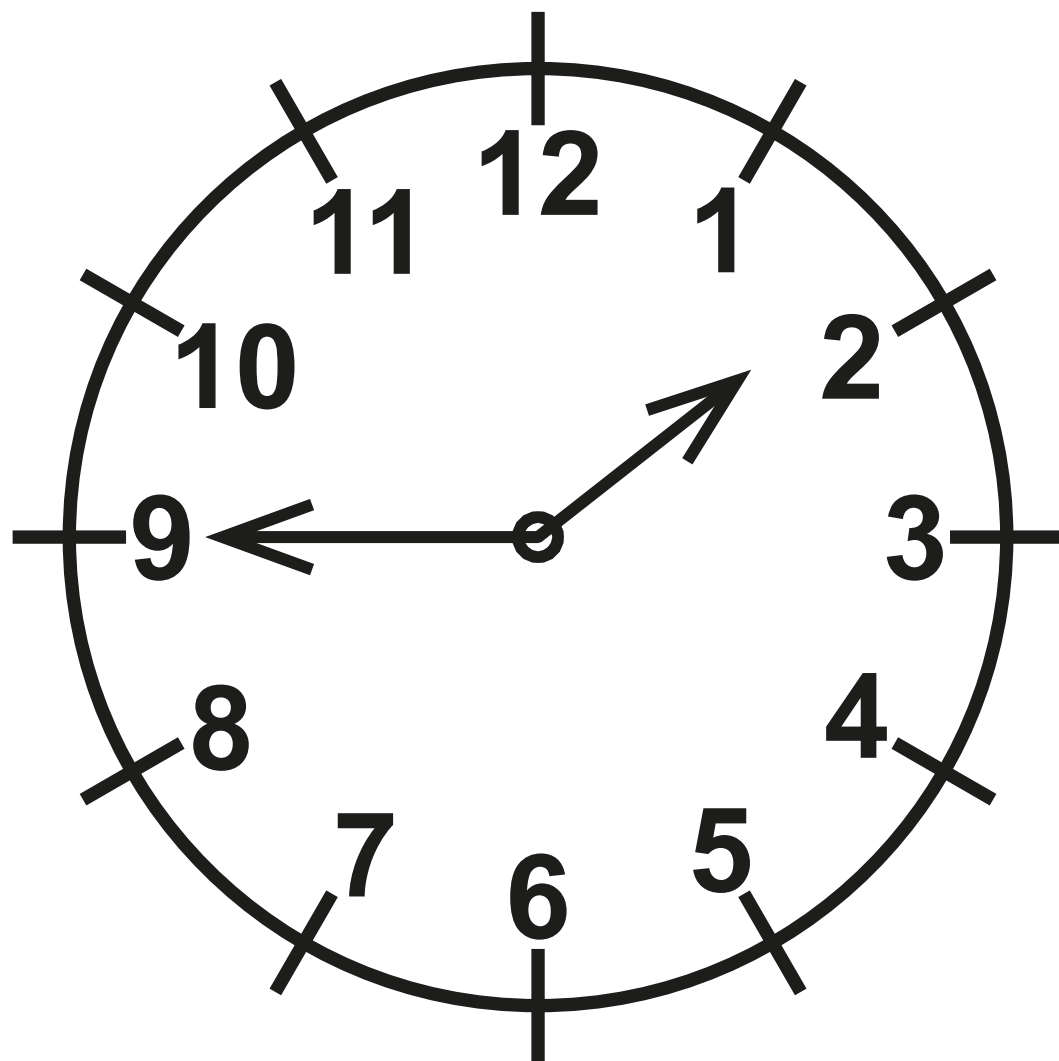




Question 4(b)

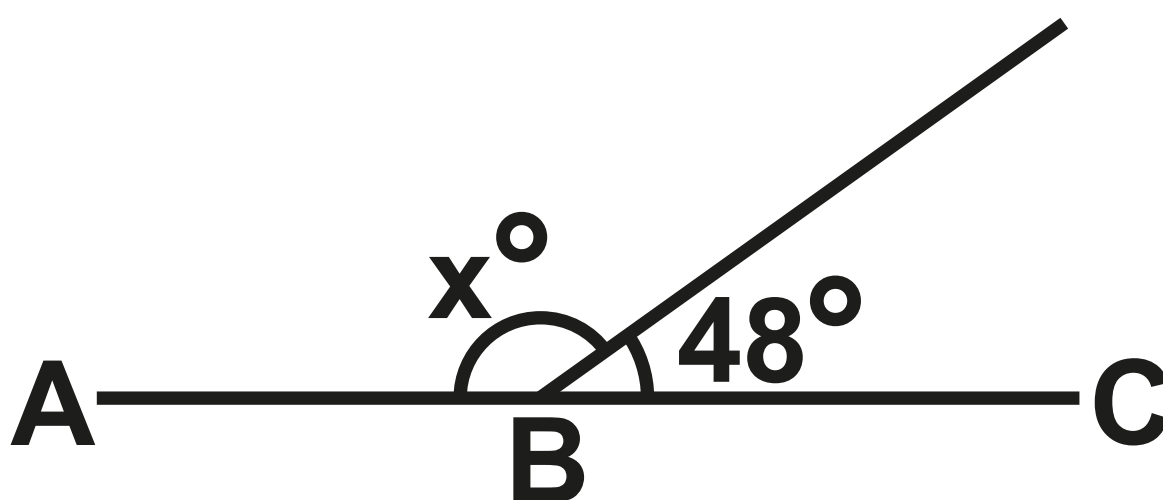


Question 4(c)



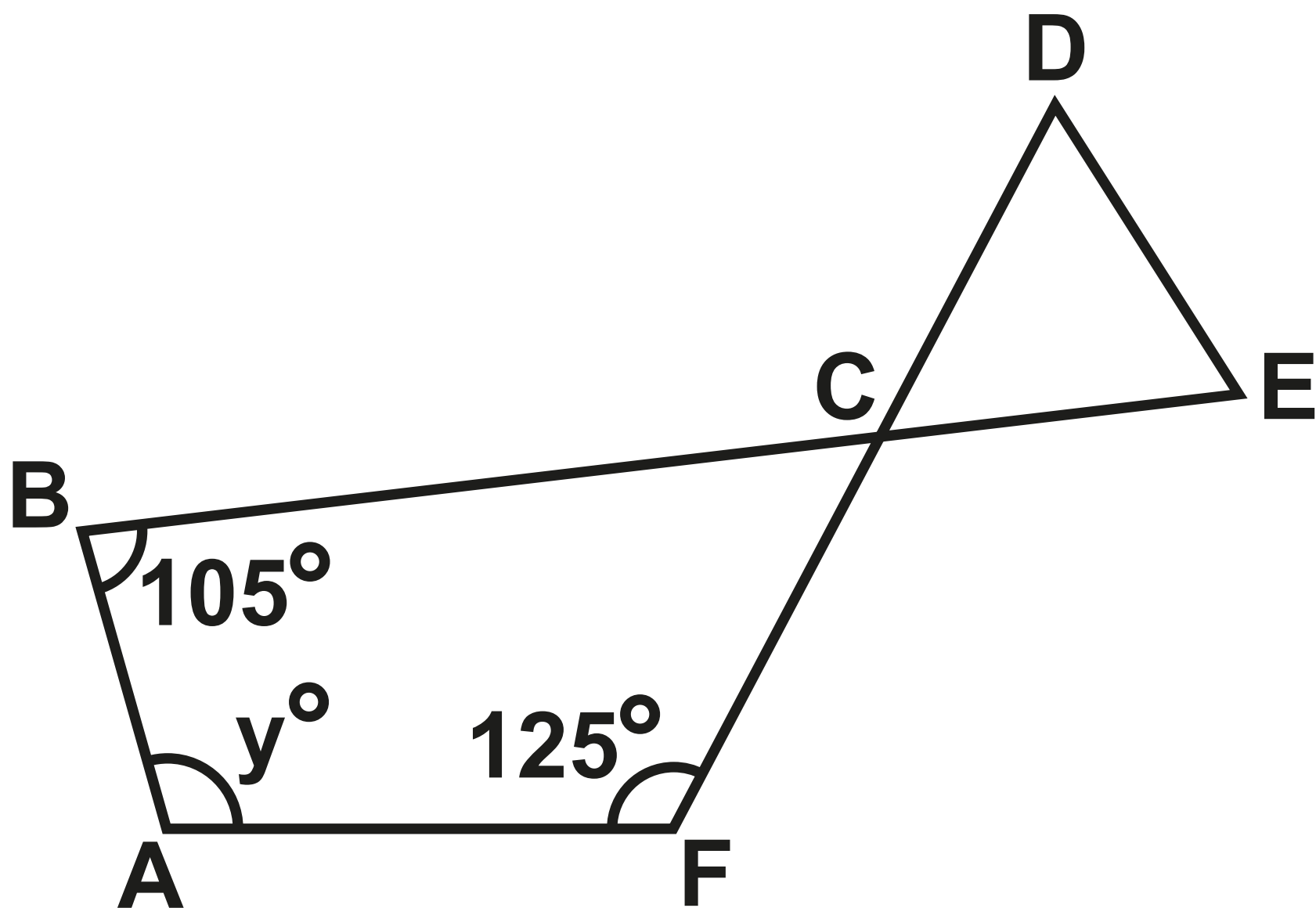
## Question 6(a)

Diagram NOT accurately drawn



## Question 6(b)

Diagram NOT accurately drawn



Question 9

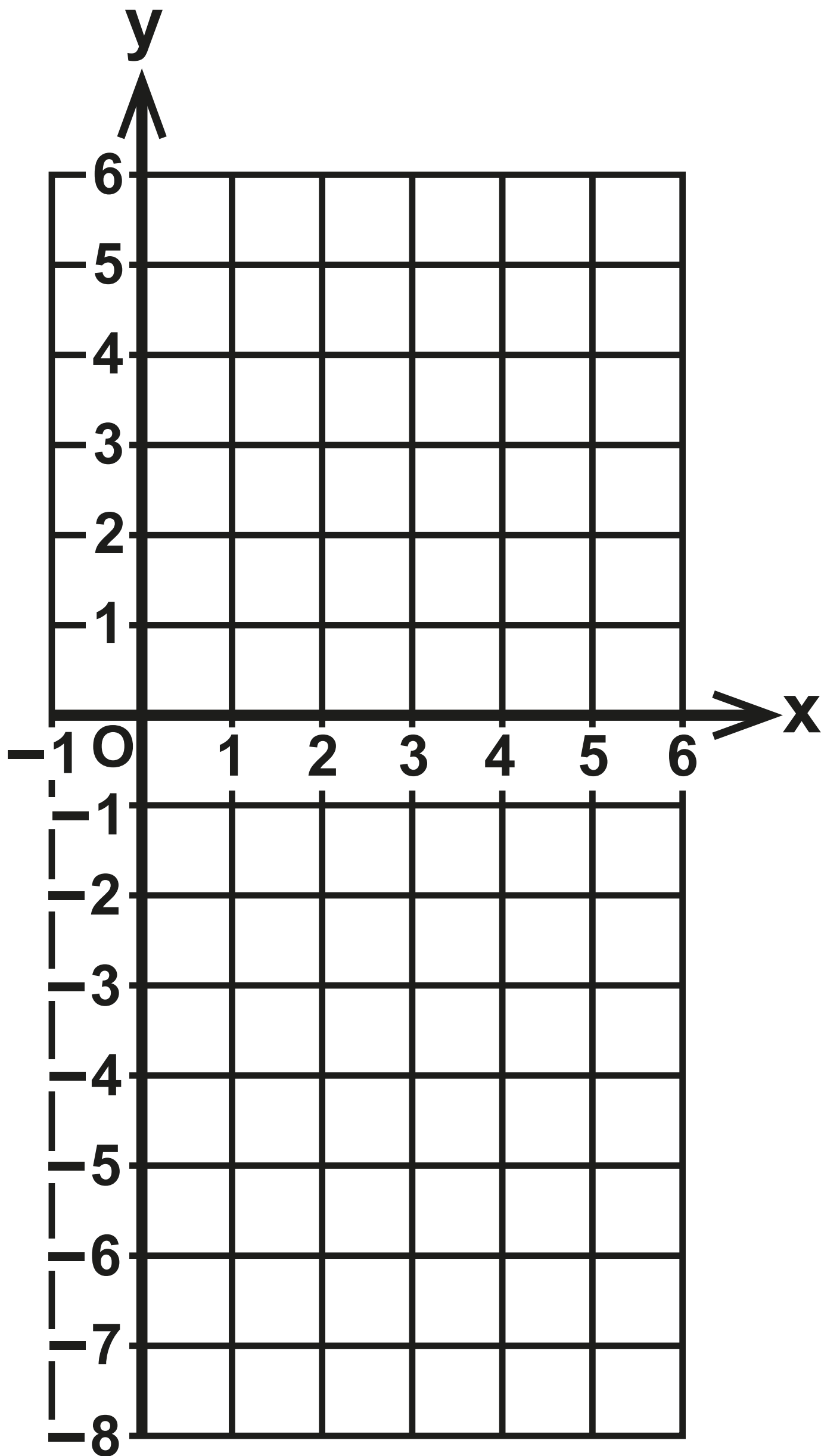
A  B  
8 cm

Question 9

A  B  
8 cm

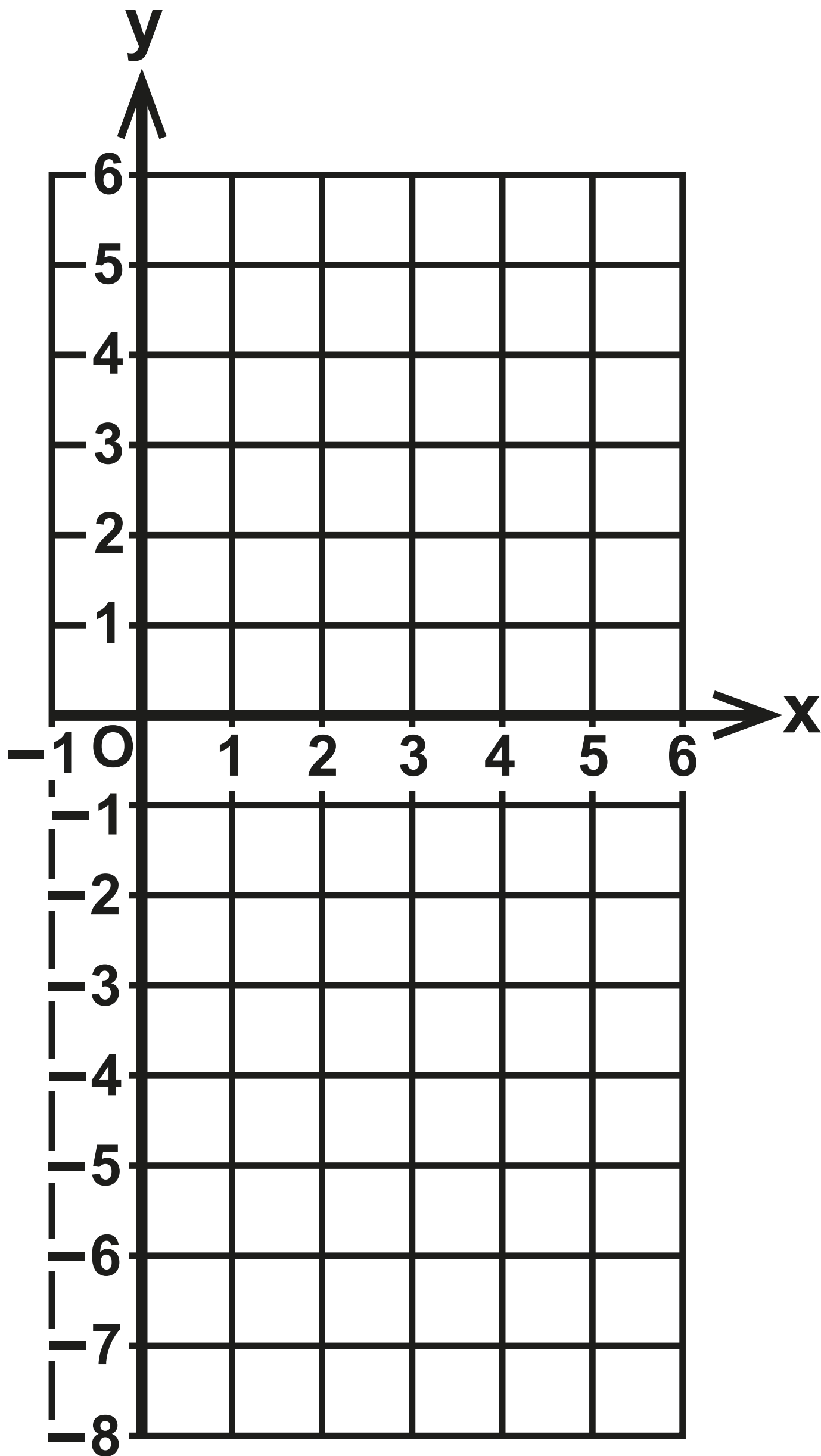
Number of gold stars	Number of students
0	6
1	5
2	4
3	7
4	3

# Question 13



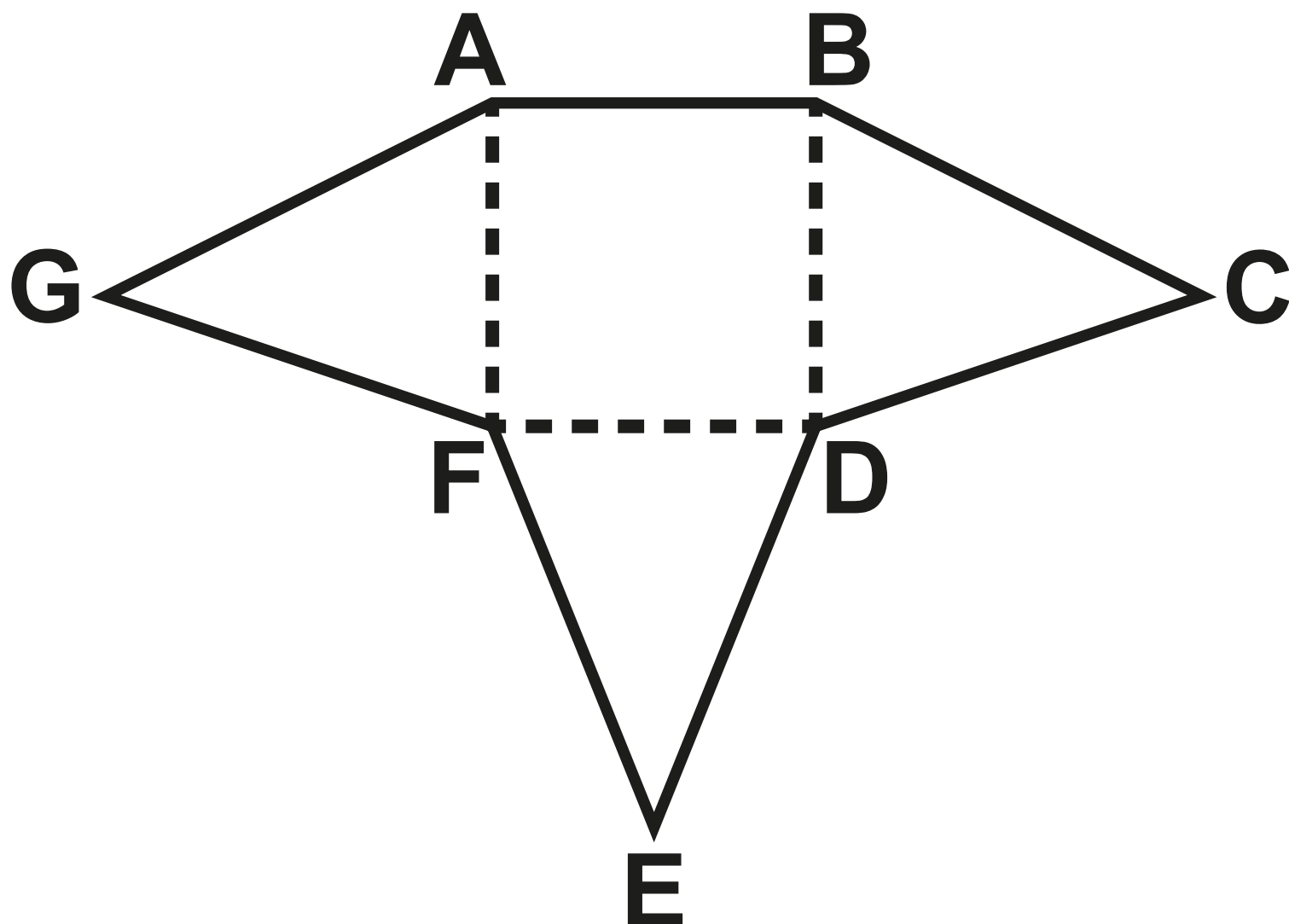


## Question 13

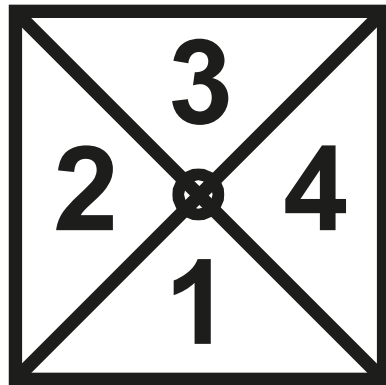


Question 15

Diagram NOT accurately drawn



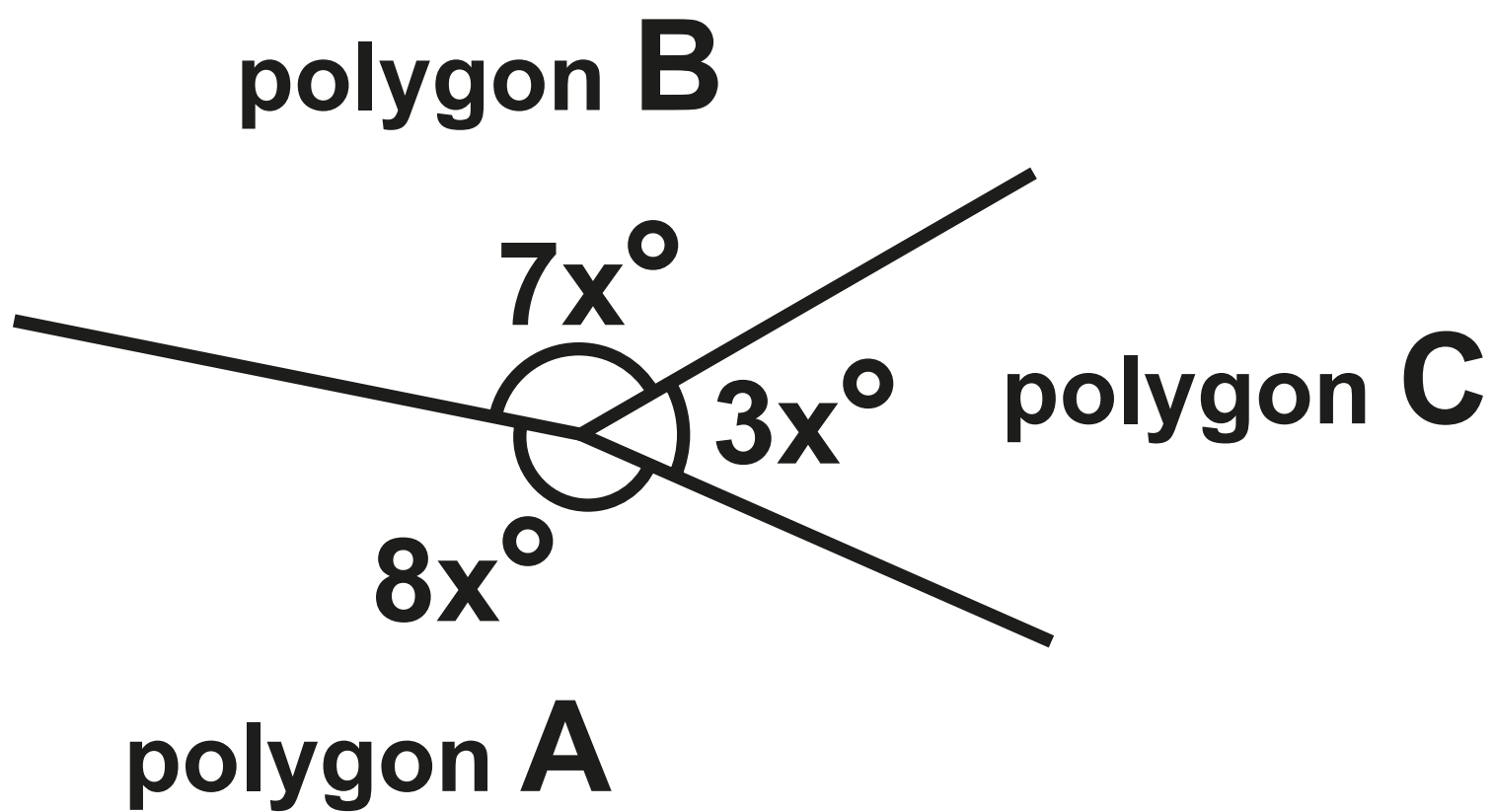
## Question 17



Number	Probability
1	0.26
2	
3	0.18
4	

## Question 19

Diagram NOT accurately drawn



Question 21(a)

Value (x euros)	Service charge band
$x \geq 700\,000$	A
$600\,000 \leq x < 700\,000$	B
$500\,000 \leq x < 600\,000$	C
$400\,000 \leq x < 500\,000$	D
$0 < x < 400\,000$	E

Question 22

Diagram NOT accurately drawn

