

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

**Mathematics A**  
**PAPER 2F**  
**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.**

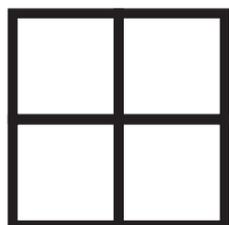
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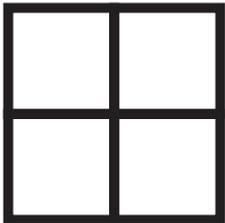
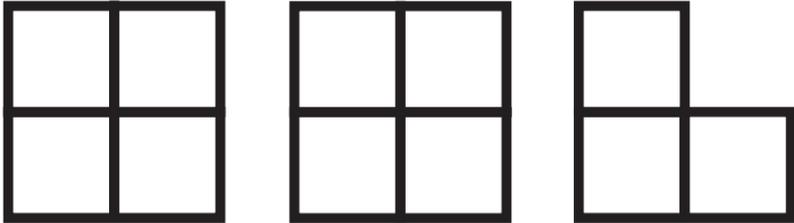
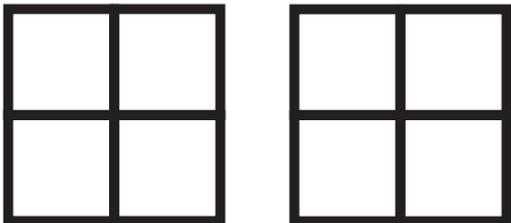
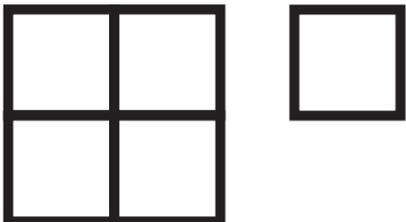
4	Question 1
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17	Question 19
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Question 1

Key:

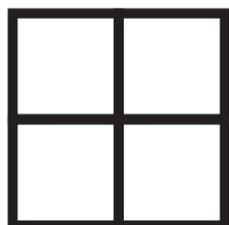


represents 20 ice creams

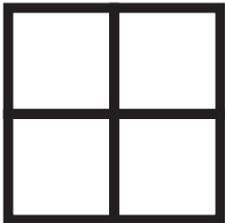
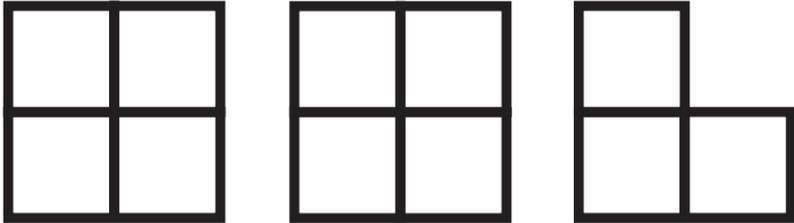
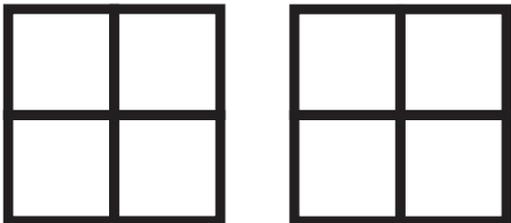
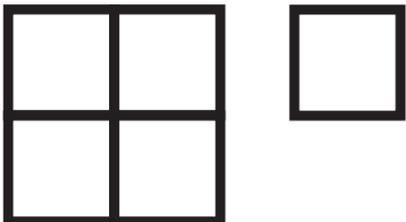
<p><b>Monday</b></p>	
<p><b>Tuesday</b></p>	
<p><b>Wednesday</b></p>	
<p><b>Thursday</b></p>	
<p><b>Friday</b></p>	

Question 1

Key:

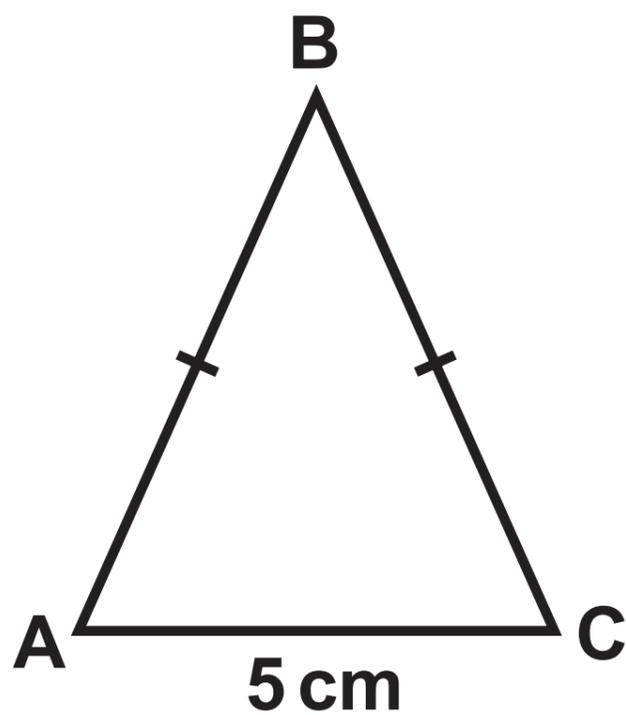


represents 20 ice creams

<p><b>Monday</b></p>	
<p><b>Tuesday</b></p>	
<p><b>Wednesday</b></p>	
<p><b>Thursday</b></p>	
<p><b>Friday</b></p>	

## Question 4(c)

Diagram NOT accurately drawn.

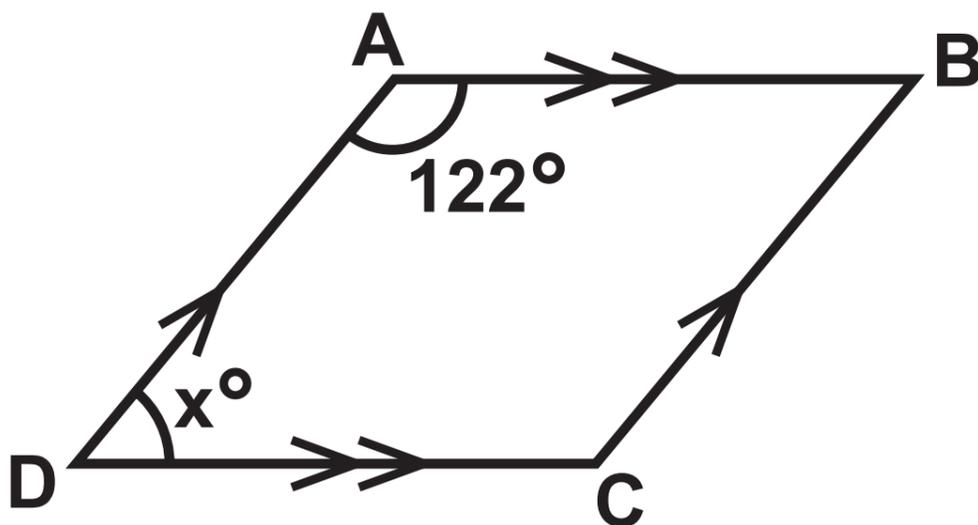


## Question 7

<b>Calls</b>	<b>465 minutes</b>	<b>(first 400 minutes free)</b>
<b>Texts</b>	<b>1740 messages</b>	<b>(first 1500 messages free)</b>
<b><u>Costs</u></b>		
<b>Monthly charge</b>	<b>\$20.75</b>	
<b>Calls</b>	<b>\$0.10 per minute</b>	
<b>Texts</b>	<b>\$0.05 each message</b>	

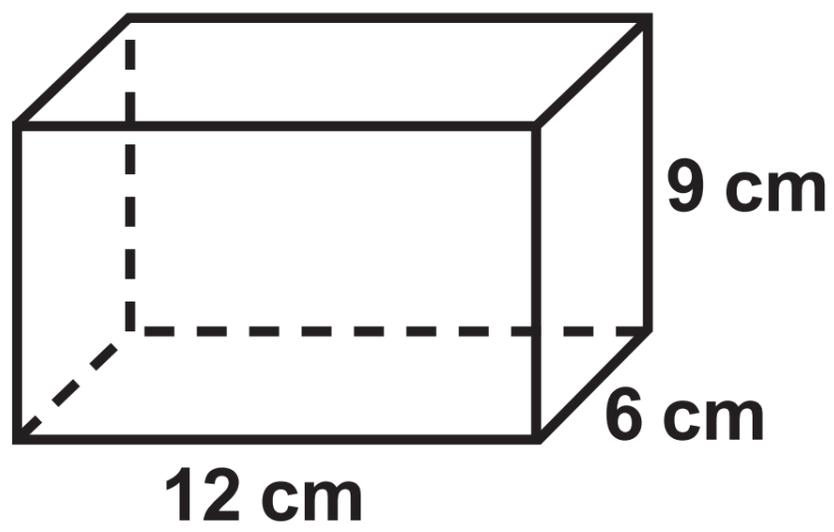
## Question 8

Diagram NOT accurately drawn.



Question 9

Diagram NOT accurately drawn.



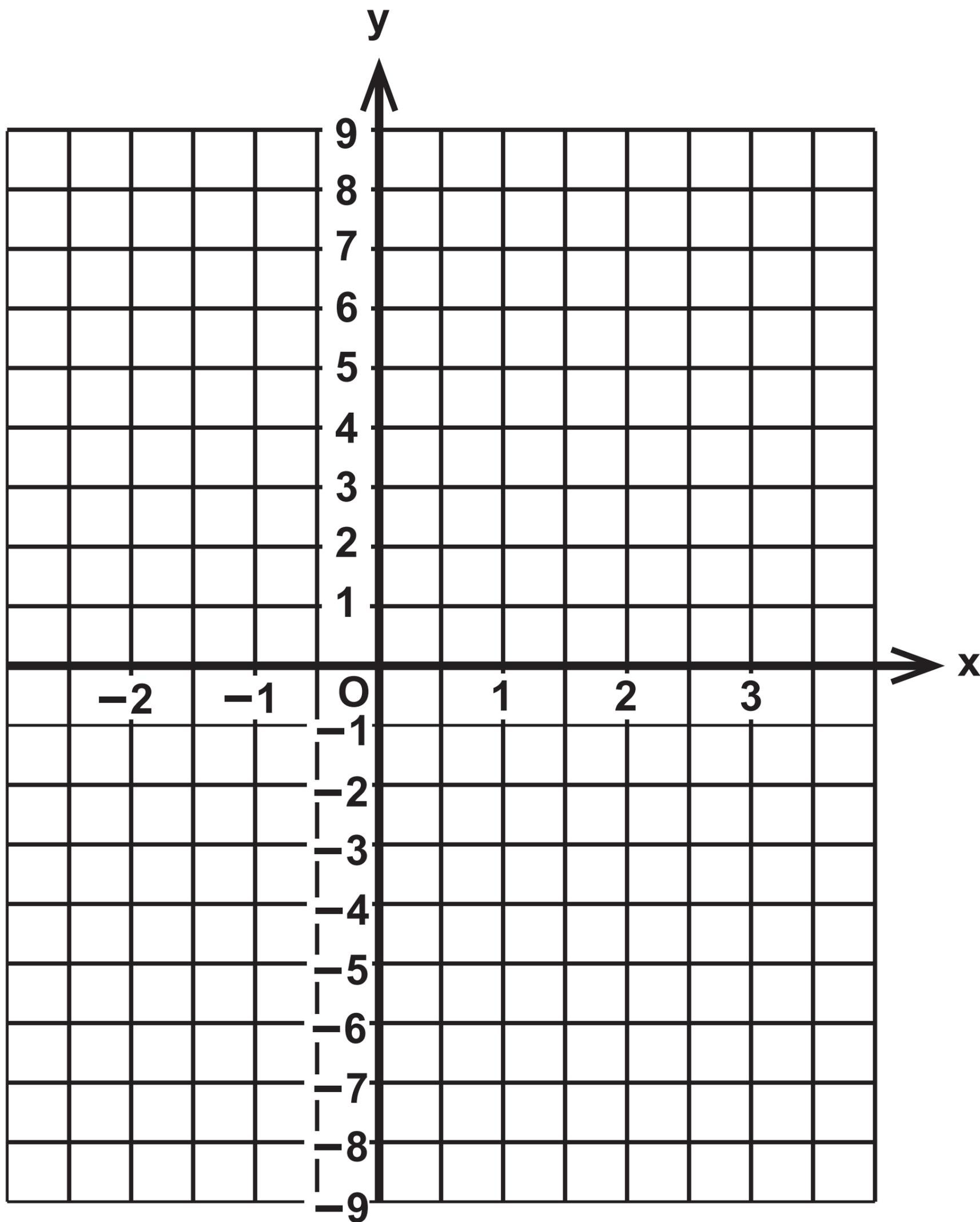
Question 11

A  B

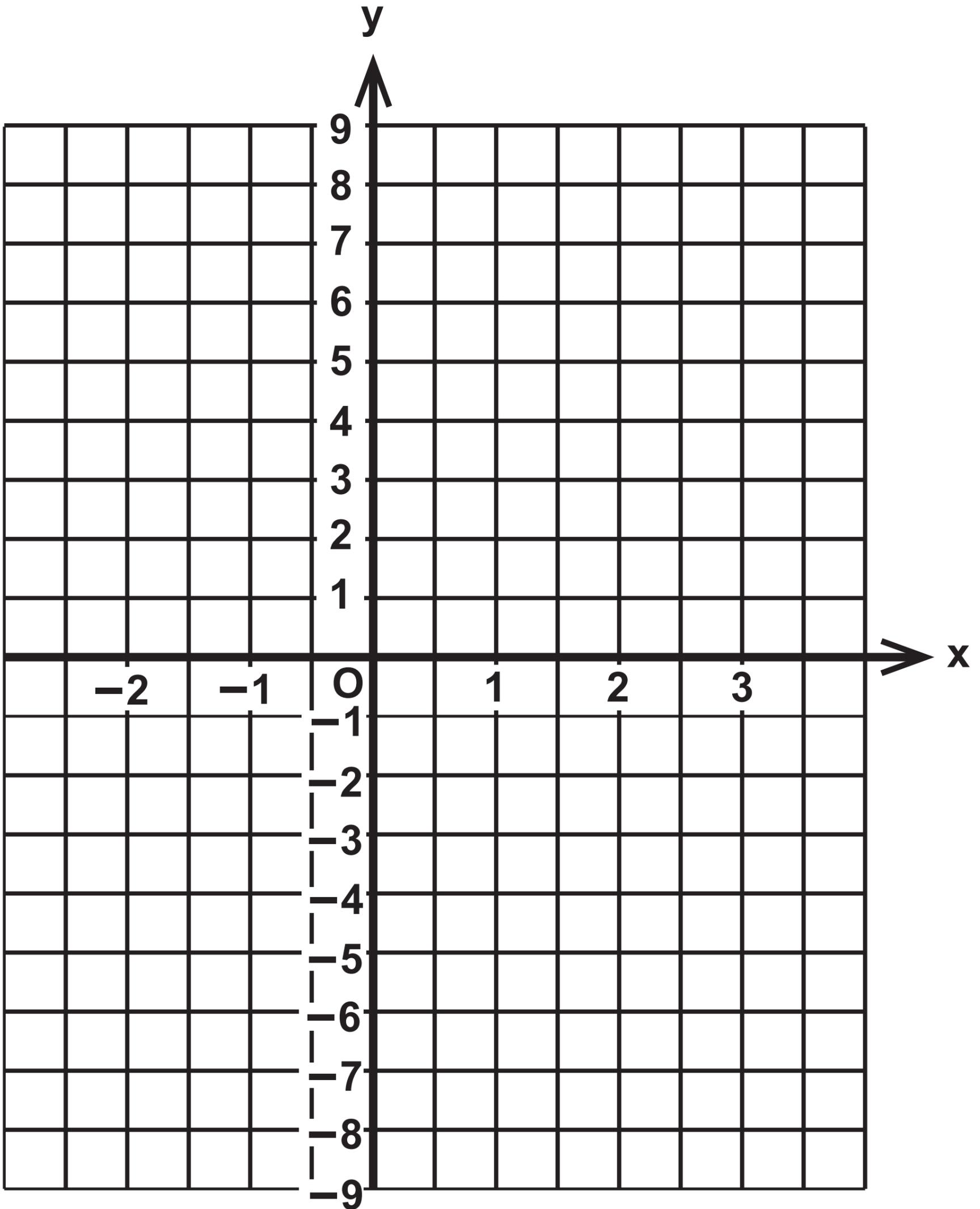
Question 11

A  B

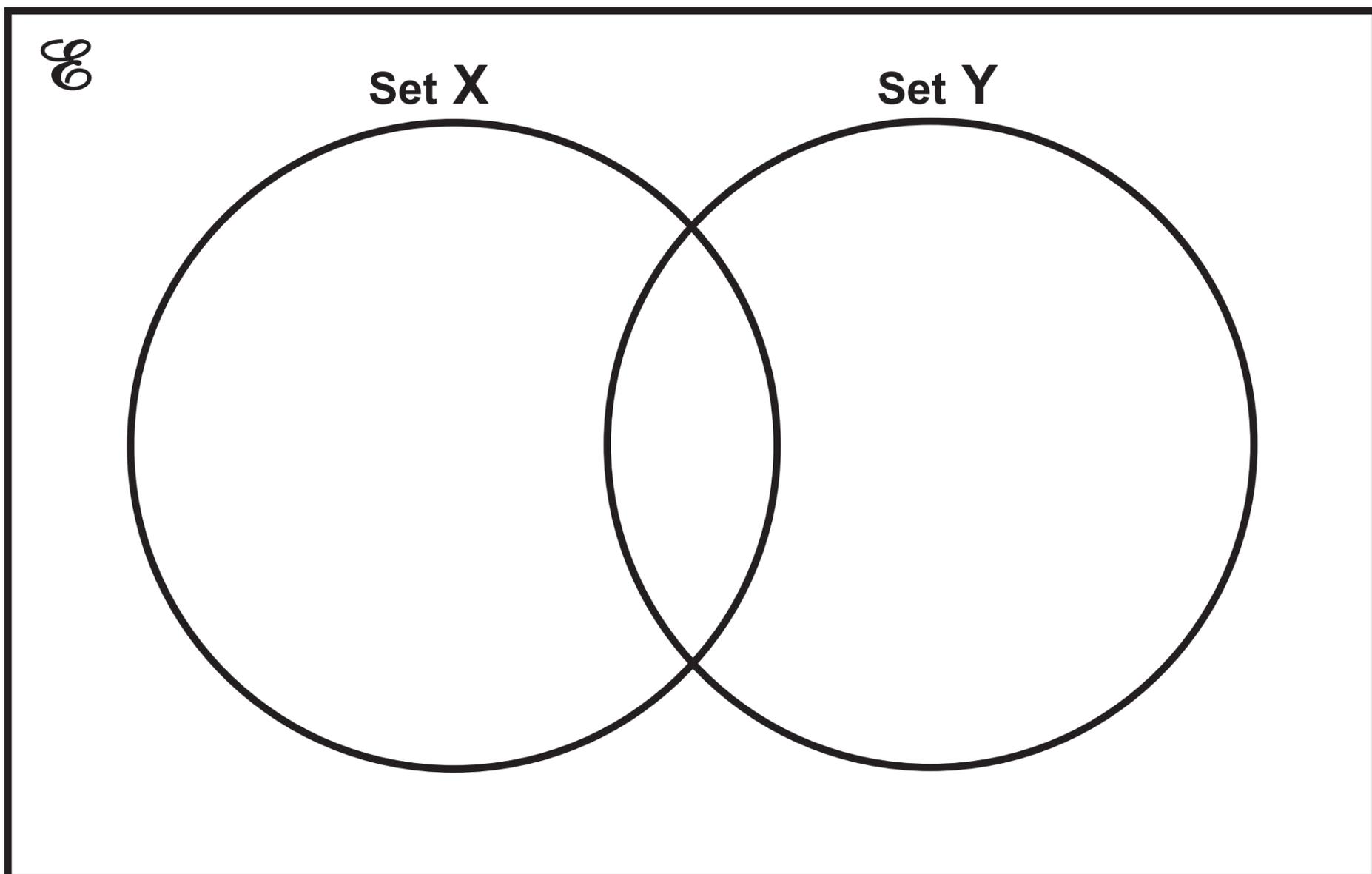
Question 14



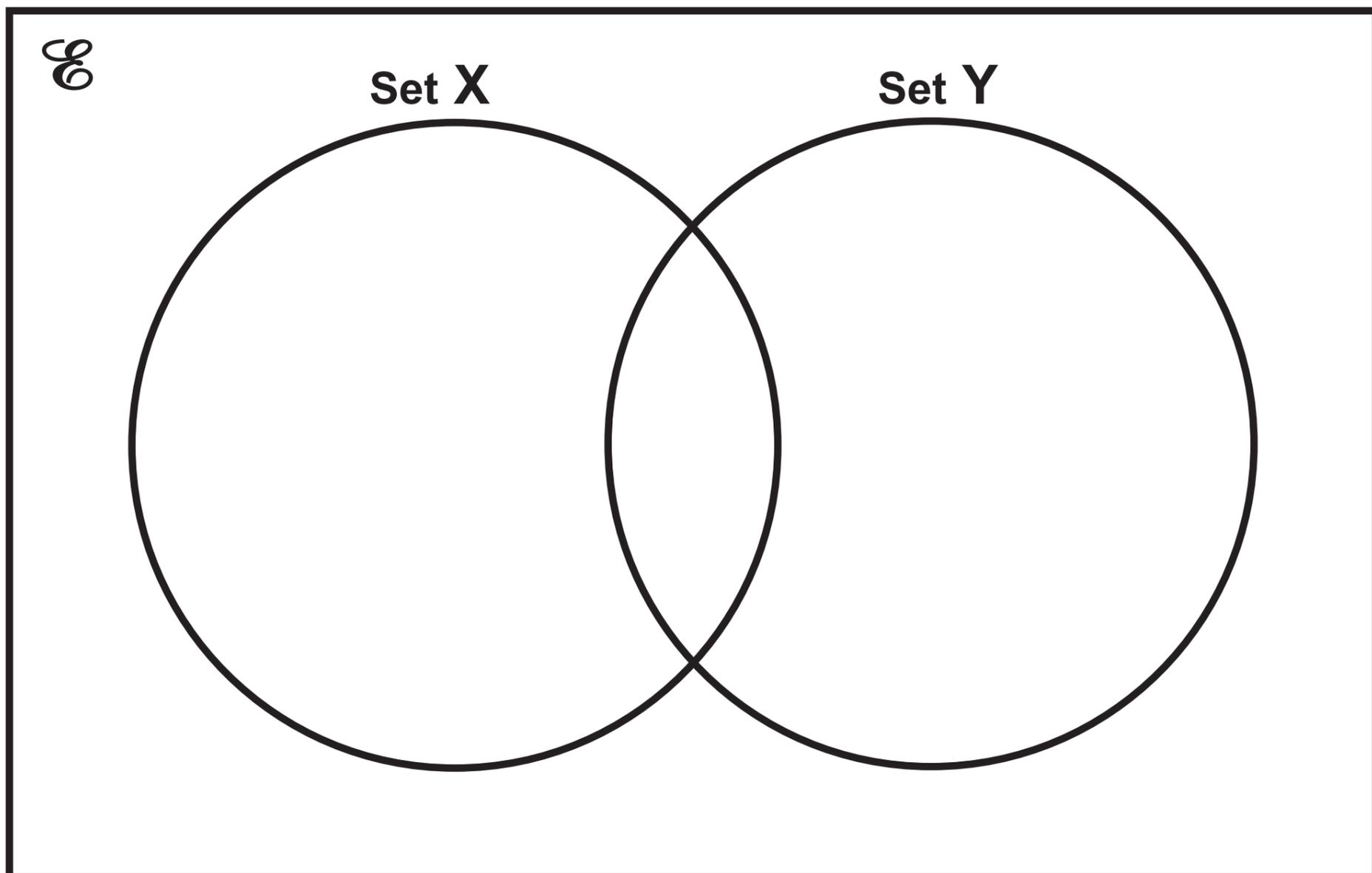
Question 14



Question 15

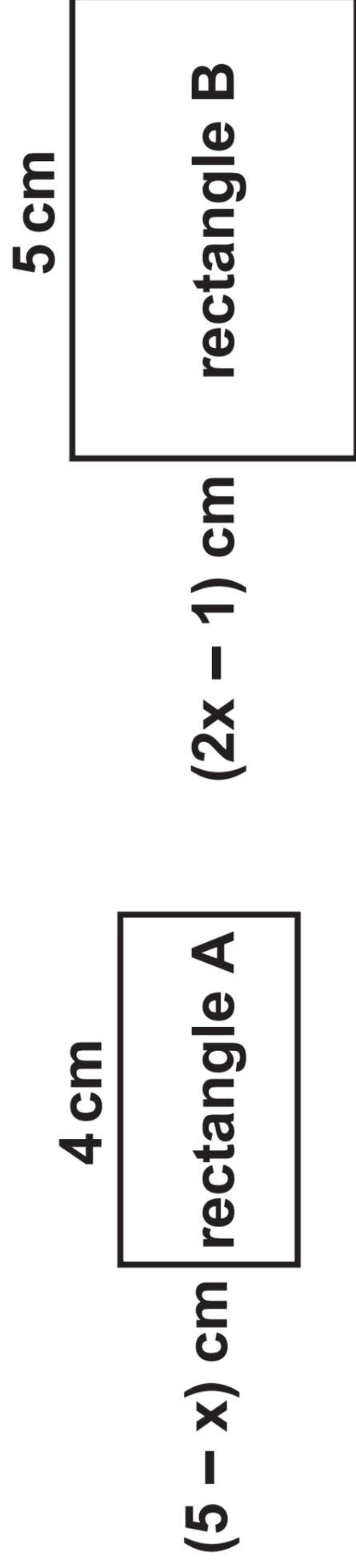


Question 15



Question 18

Diagram NOT accurately drawn.

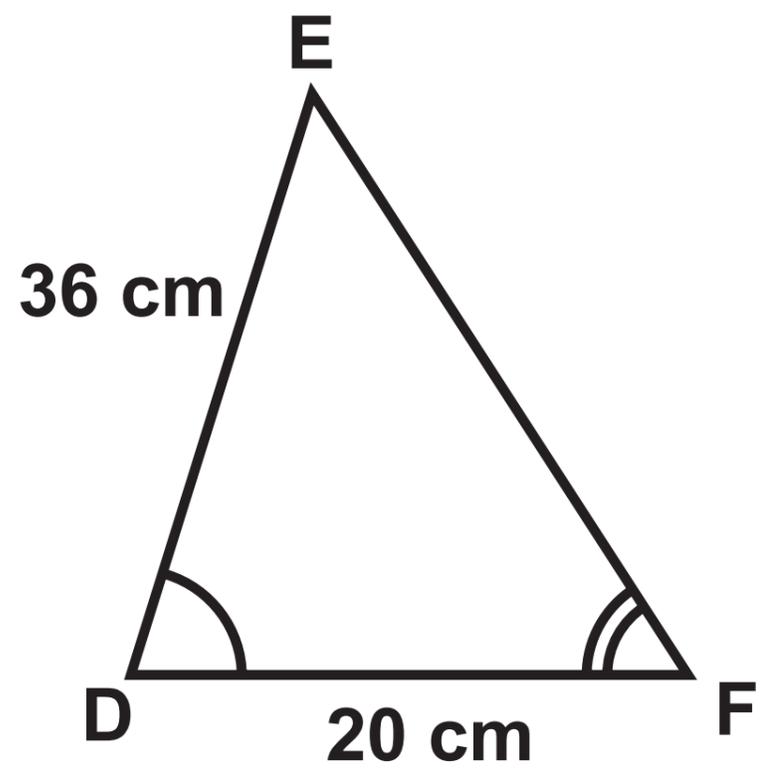
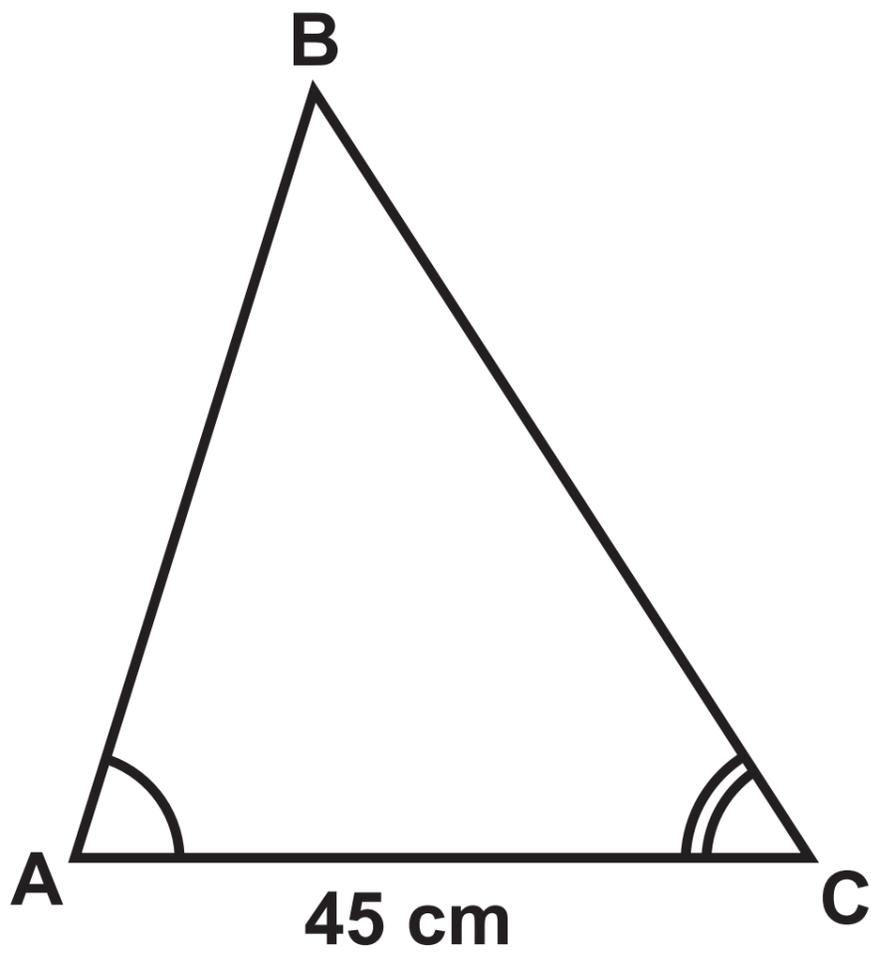


## Question 19

<b>Money spent (S euros)</b>	<b>Frequency</b>
<b><math>0 &lt; S \leq 8</math></b>	<b>6</b>
<b><math>8 &lt; S \leq 16</math></b>	<b>14</b>
<b><math>16 &lt; S \leq 24</math></b>	<b>19</b>
<b><math>24 &lt; S \leq 32</math></b>	<b>25</b>
<b><math>32 &lt; S \leq 40</math></b>	<b>6</b>

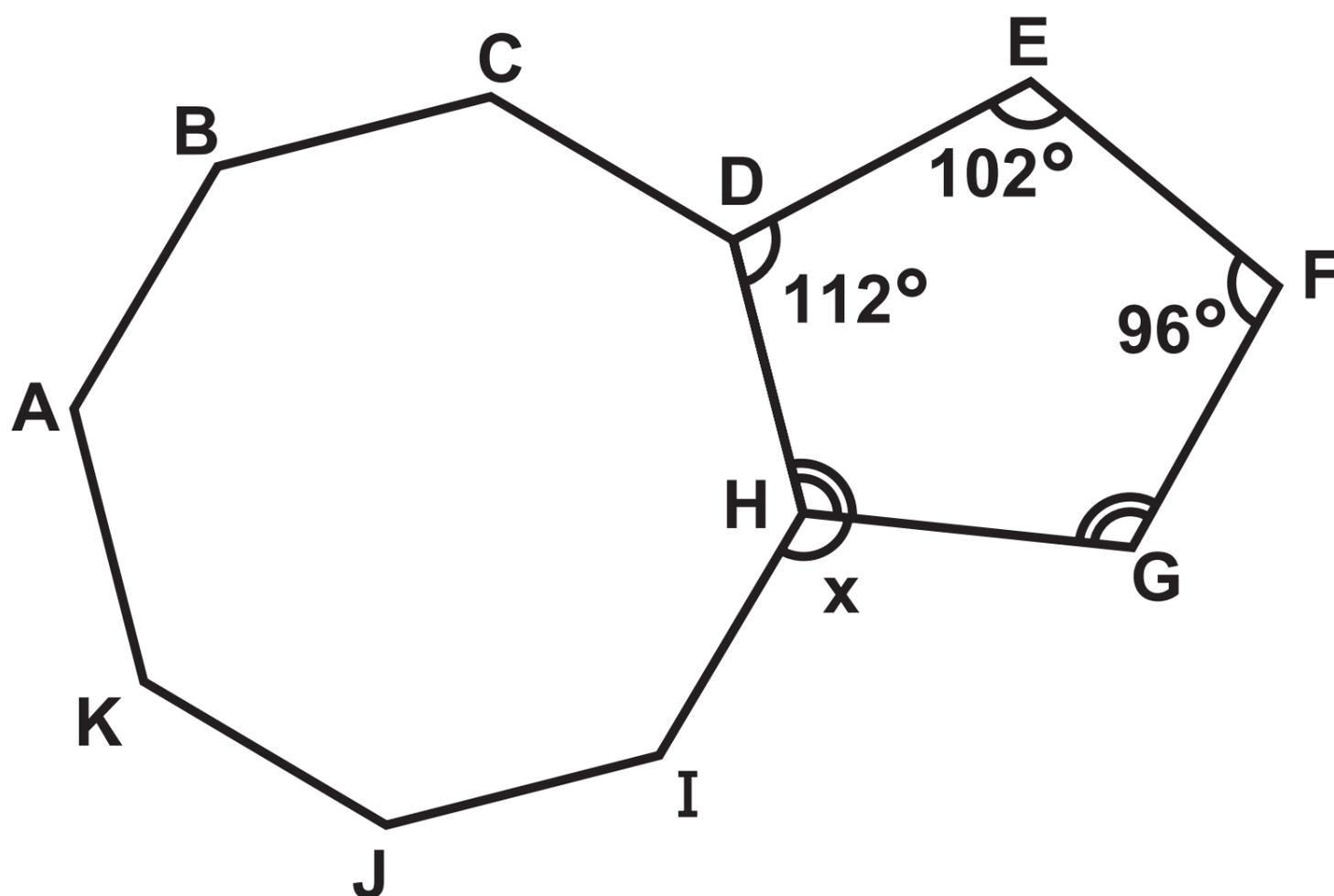
## Question 20

Diagram NOT accurately drawn.



## Question 21

Diagram NOT accurately drawn.



## Question 23

**Cyclone Bank**

**Invest 25 000 dollars**  
**4.5% compound interest per year for 3 years**

**Tornado Bank**

**Invest 25 000 dollars**  
**Receive 1150 dollars interest each year for 3 years**

## Question 26

Diagram NOT accurately drawn.

