

**Paper Reference 4MB1/02**  
**Pearson Edexcel**  
**International GCSE**

**Mathematics B**  
**PAPER 2**  
**(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 ANSWER BOOKLET AT THE END OF THE  
EXAMINATION.**

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## Question 1

<b>Region</b>	<b>Total GDP</b>	<b>Population</b>	<b>GDP per capita</b>
<b>Grenada</b>	$1.23 \times 10^9$	112 000	
<b>Hungary</b>	$1.61 \times 10^{11}$		16 500
<b>World</b>		$7.67 \times 10^9$	11 400

## Question 1

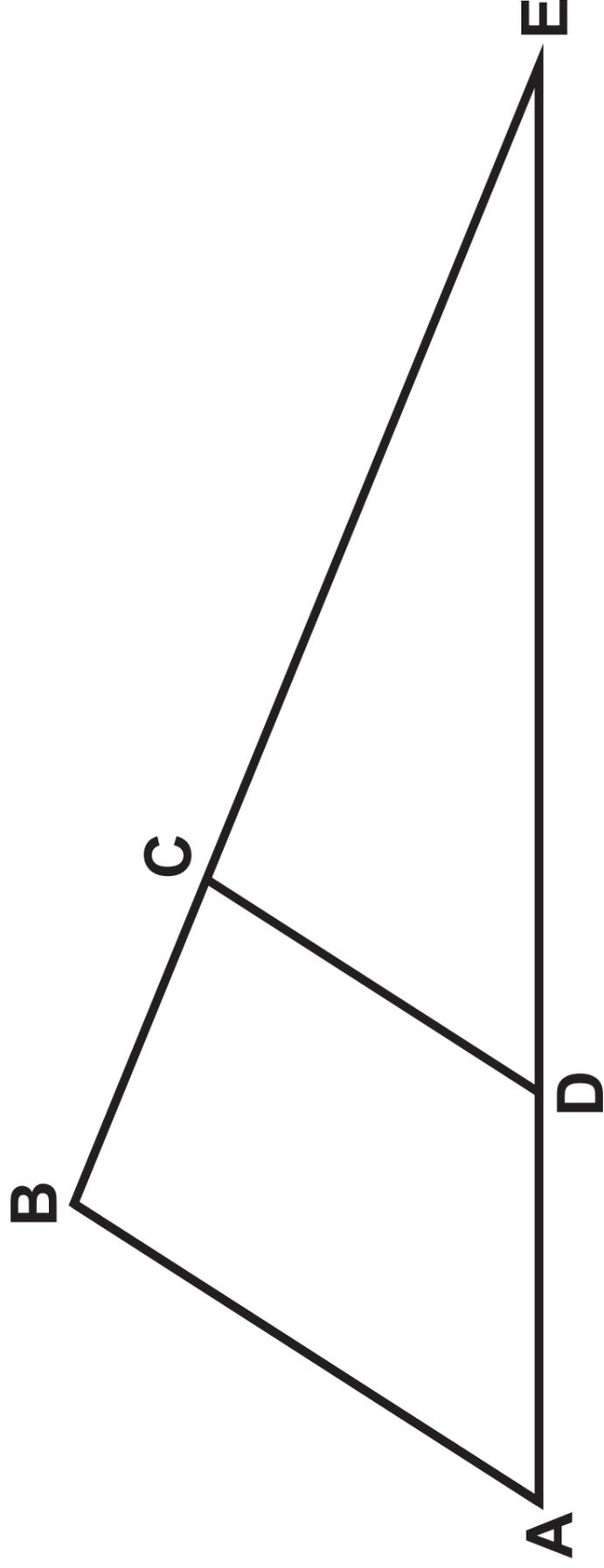
<b>Region</b>	<b>Total GDP</b>	<b>Population</b>	<b>GDP per capita</b>
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<b>Hungary</b>	$1.61 \times 10^{11}$		16 500
<b>World</b>		$7.67 \times 10^9$	11 400

## Question 4

<b>Time (t minutes)</b>	<b>Frequency</b>
<b><math>0 \leq t &lt; 10</math></b>	<b>5</b>
<b><math>10 \leq t &lt; 30</math></b>	<b>7</b>
<b><math>30 \leq t &lt; 60</math></b>	<b>15</b>
<b><math>60 \leq t &lt; 120</math></b>	<b>36</b>
<b><math>120 \leq t &lt; 240</math></b>	<b>19</b>
<b><math>240 \leq t &lt; 360</math></b>	<b>8</b>

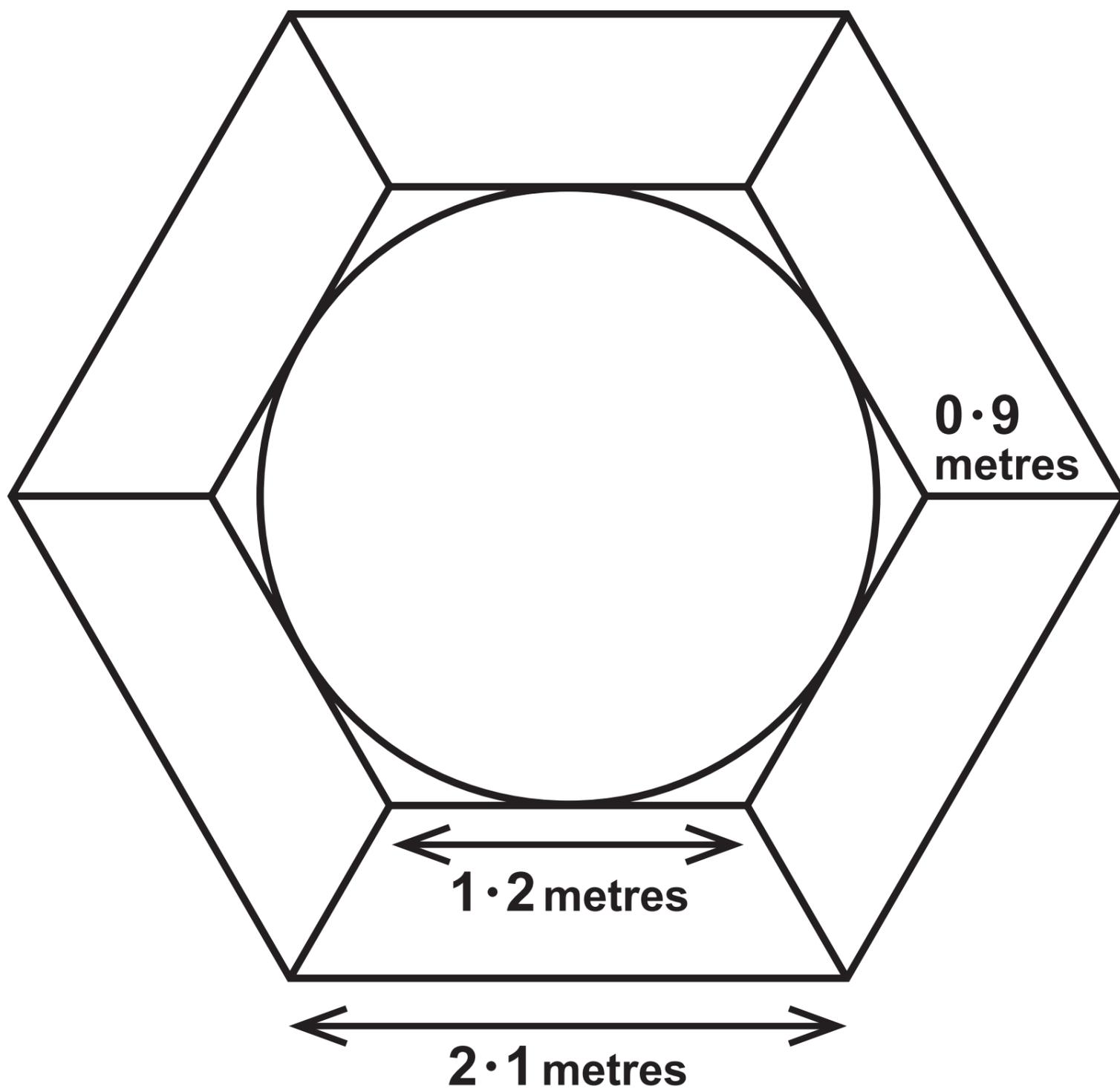
Question 7

Diagram NOT accurately drawn

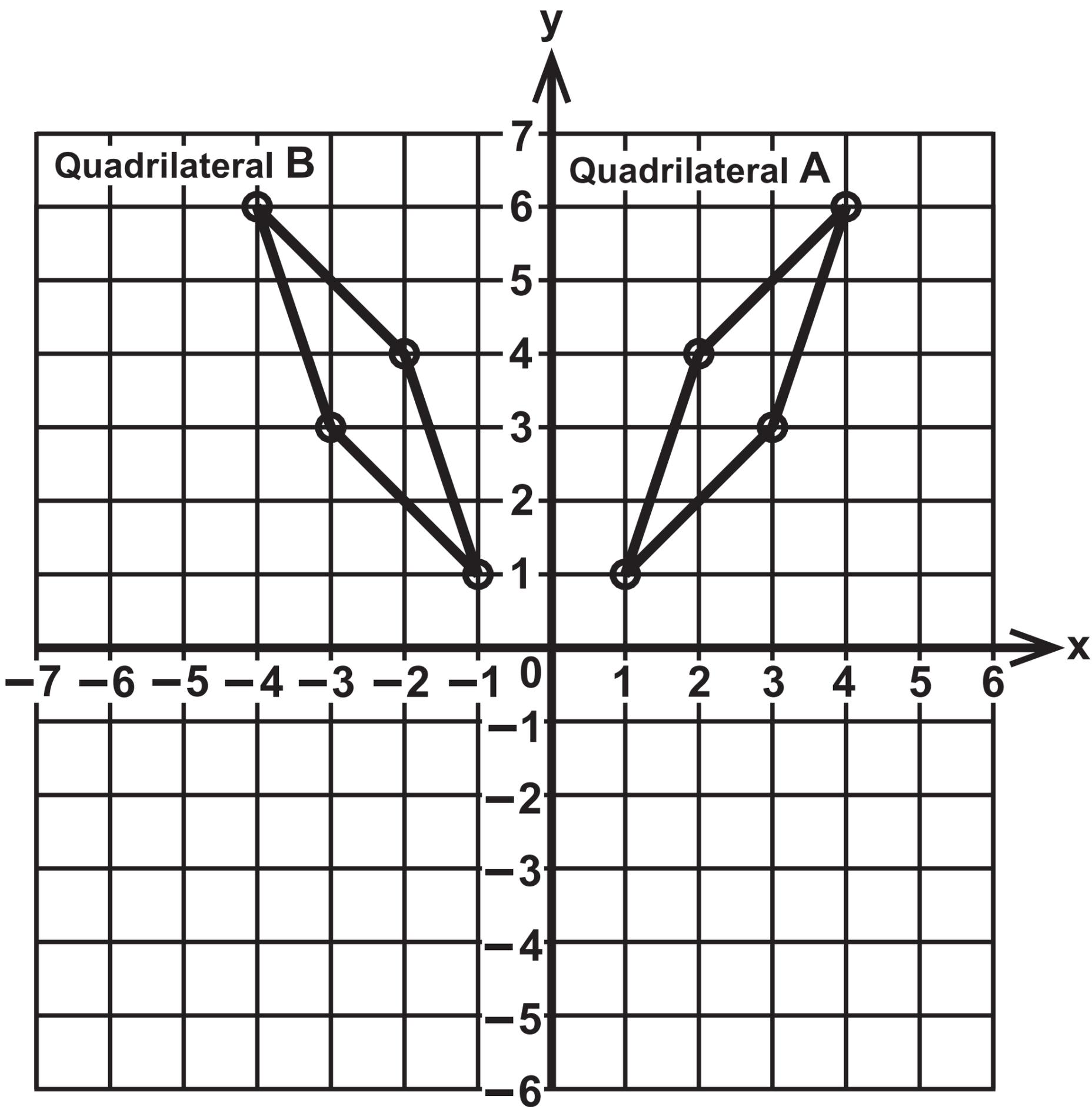


Question 8

Diagram NOT accurately drawn



Question 9



Question 10

Diagrams NOT accurately drawn

Diagram 1

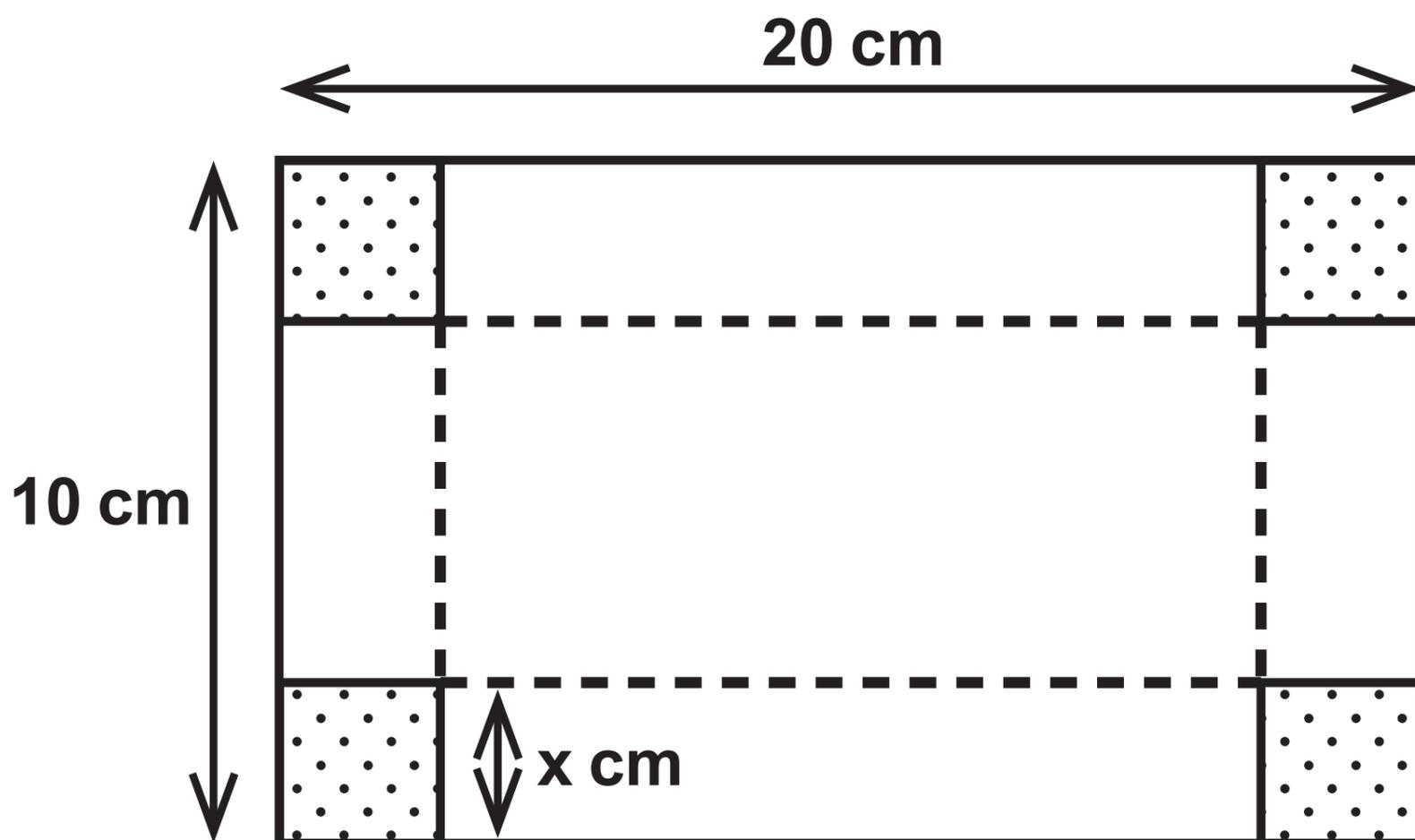
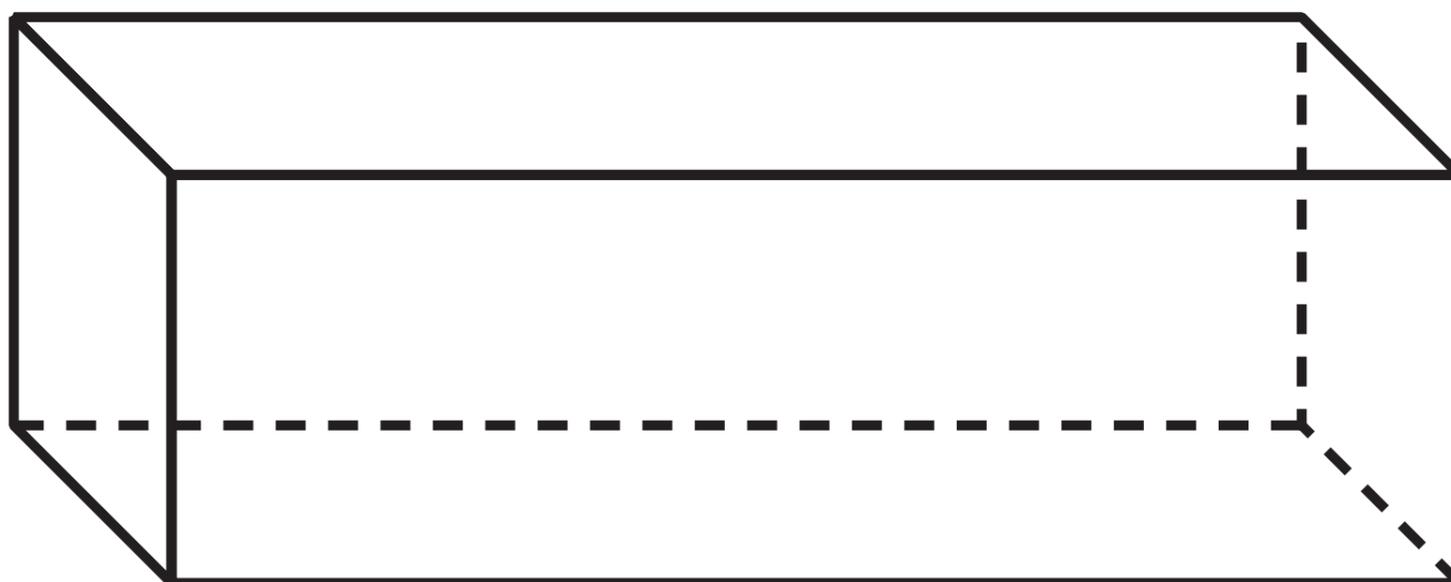


Diagram 2



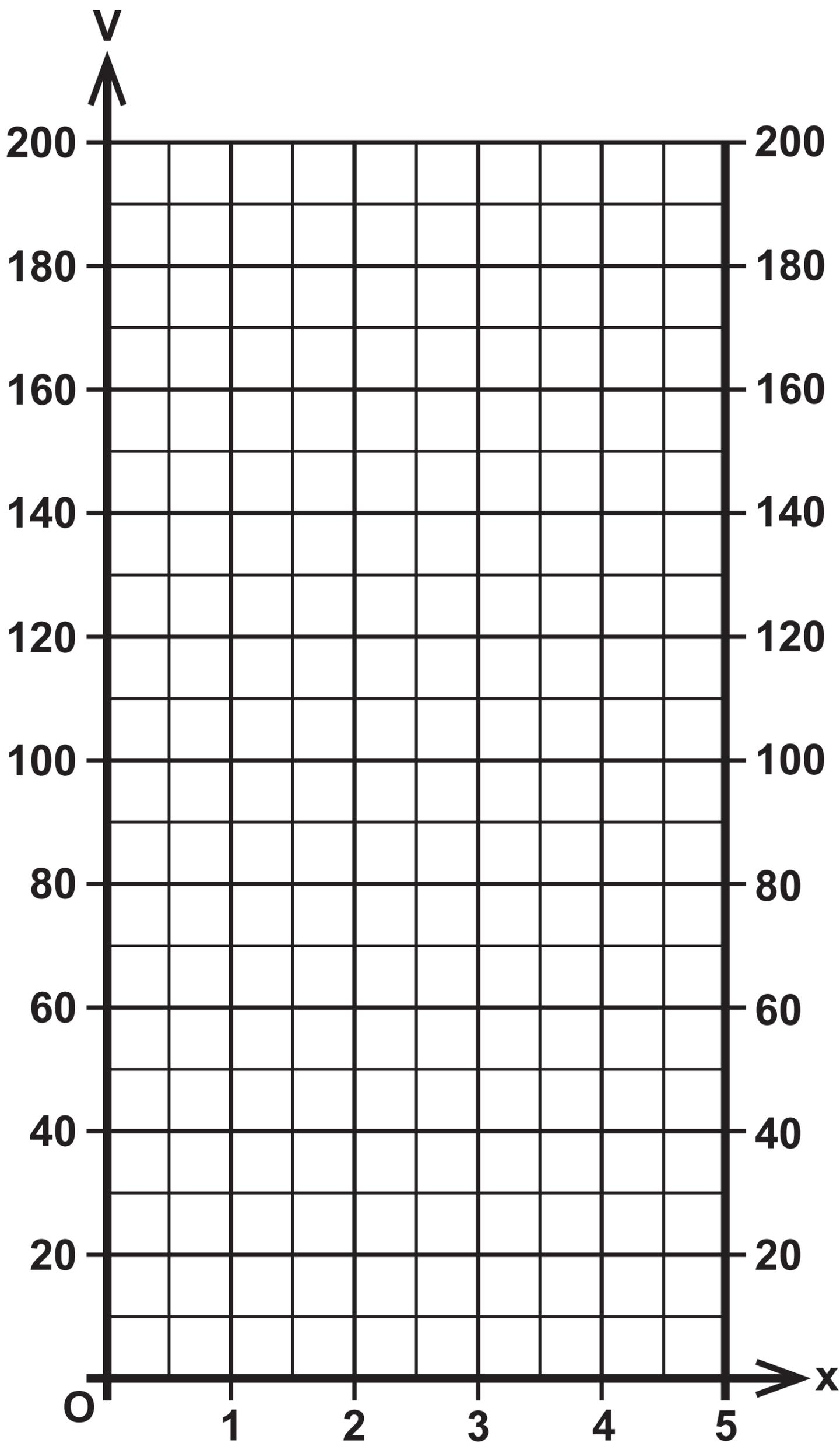
## Question 10(c)

<b>x</b>	<b>v</b>
<b>0</b>	<b>0</b>
<b>1</b>	<b>144</b>
<b>1.5</b>	<b>178.5</b>
<b>2.5</b>	<b>187.5</b>
<b>3</b>	
<b>3.5</b>	<b>136.5</b>
<b>4</b>	
<b>5</b>	<b>0</b>

## Question 10(c)

<b>x</b>	<b>v</b>
<b>0</b>	<b>0</b>
<b>1</b>	<b>144</b>
<b>1.5</b>	<b>178.5</b>
<b>2.5</b>	<b>187.5</b>
<b>3</b>	
<b>3.5</b>	<b>136.5</b>
<b>4</b>	
<b>5</b>	<b>0</b>

Questions 10(d), 10(e) and 10(f)



Questions 10(d), 10(e) and 10(f)

