

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

**Mathematics A  
Level 1/2  
Paper 2H  
(Calculator)  
Higher Tier**

**Thursday 6 June 2019 – Morning**

# **Diagram Book**

**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 BOOK MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.**

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## Question 1

<b>Height of sunflower (h cm)</b>	<b>Frequency</b>
<b><math>90 &lt; h \leq 100</math></b>	<b>8</b>
<b><math>100 &lt; h \leq 110</math></b>	<b>12</b>
<b><math>110 &lt; h \leq 120</math></b>	<b>15</b>
<b><math>120 &lt; h \leq 130</math></b>	<b>10</b>
<b><math>130 &lt; h \leq 140</math></b>	<b>3</b>

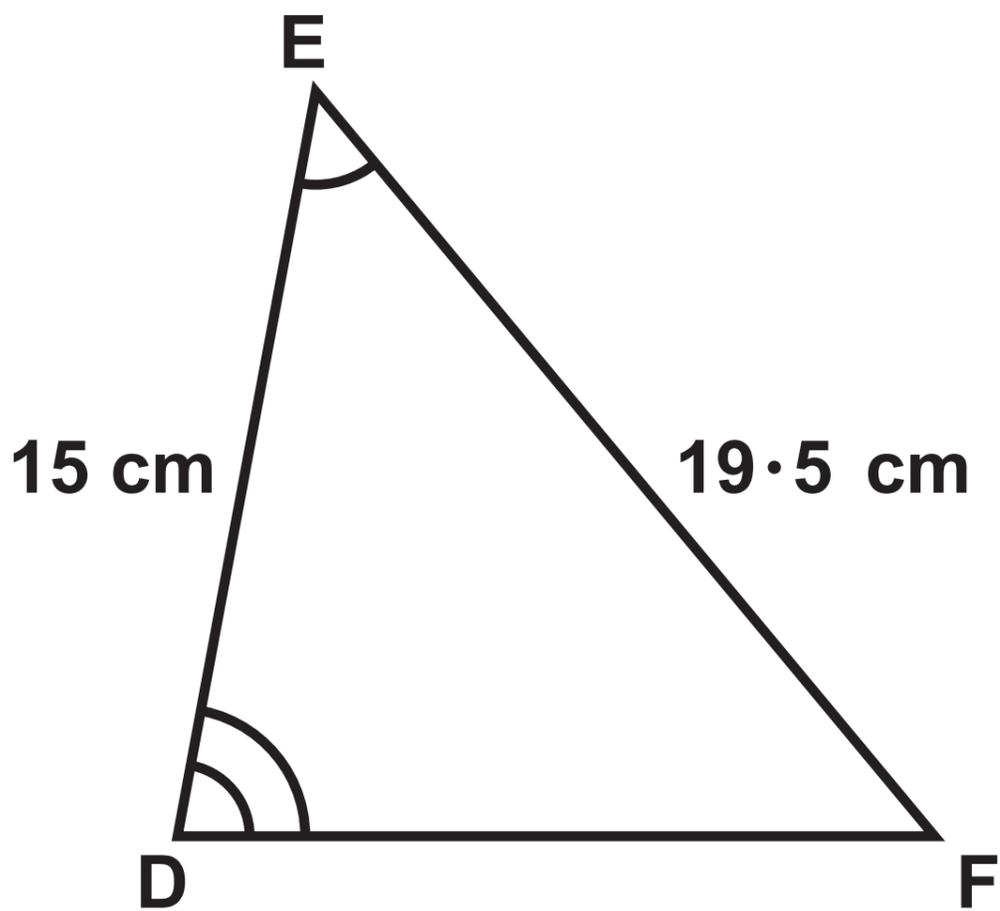
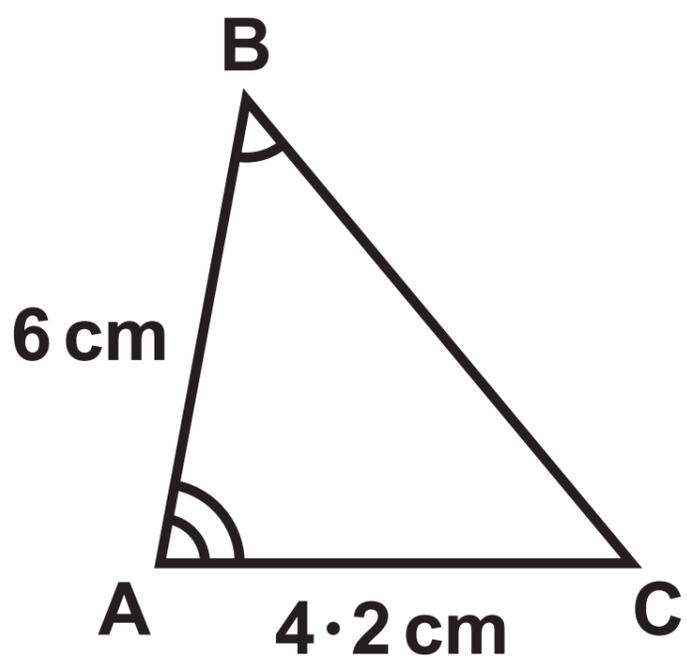
Question 2

**D** |—————| **E**

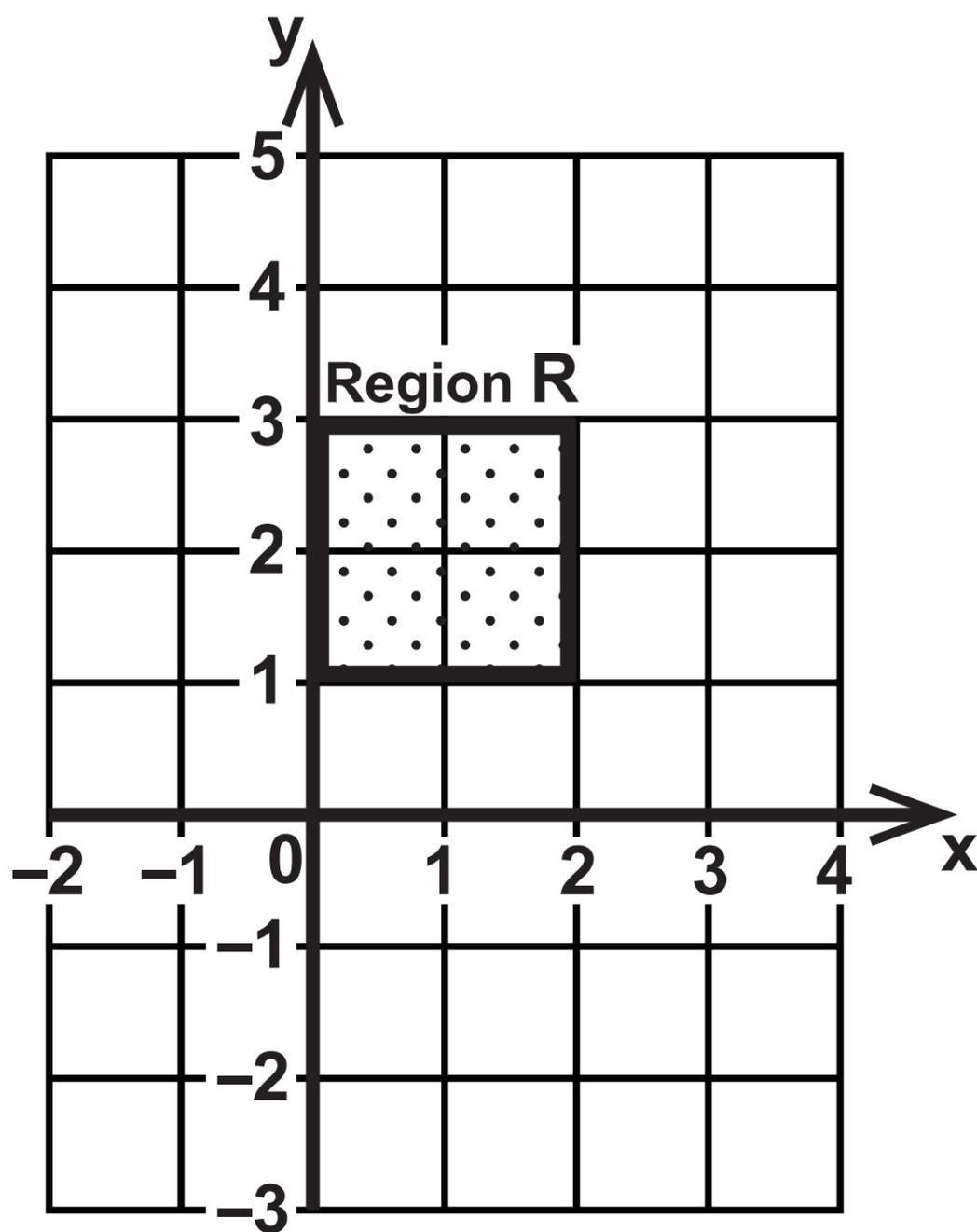
Question 2

**D** |—————| **E**

Question 6



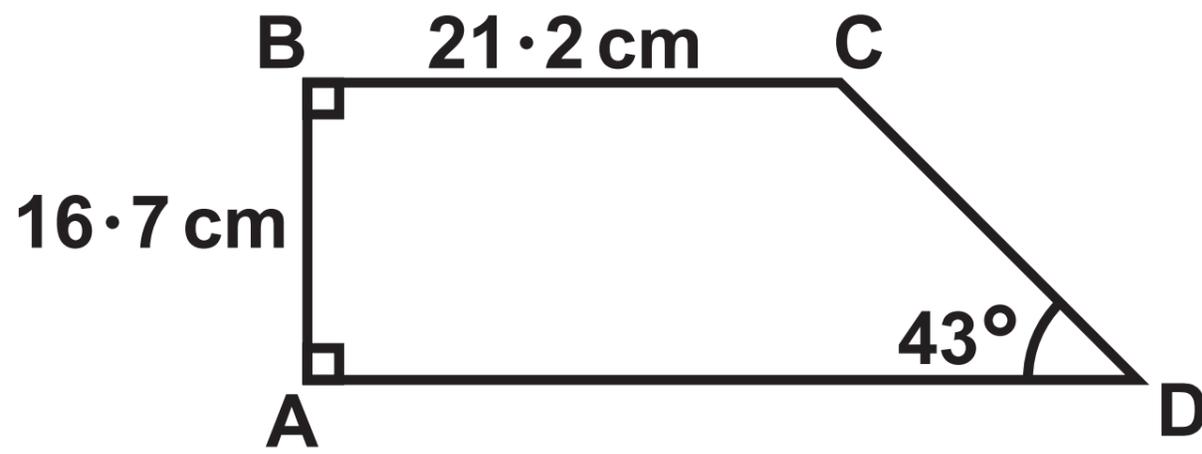
Question 10(b)



## Question 11

<b>Football club</b>	<b>Average crowd attendance</b>
Monaco	$9.5 \times 10^3$
Chelsea	$4.2 \times 10^4$
Juventus	$3.9 \times 10^4$
Oxford United	$8.3 \times 10^3$
Barcelona	$7.7 \times 10^4$

## Question 12

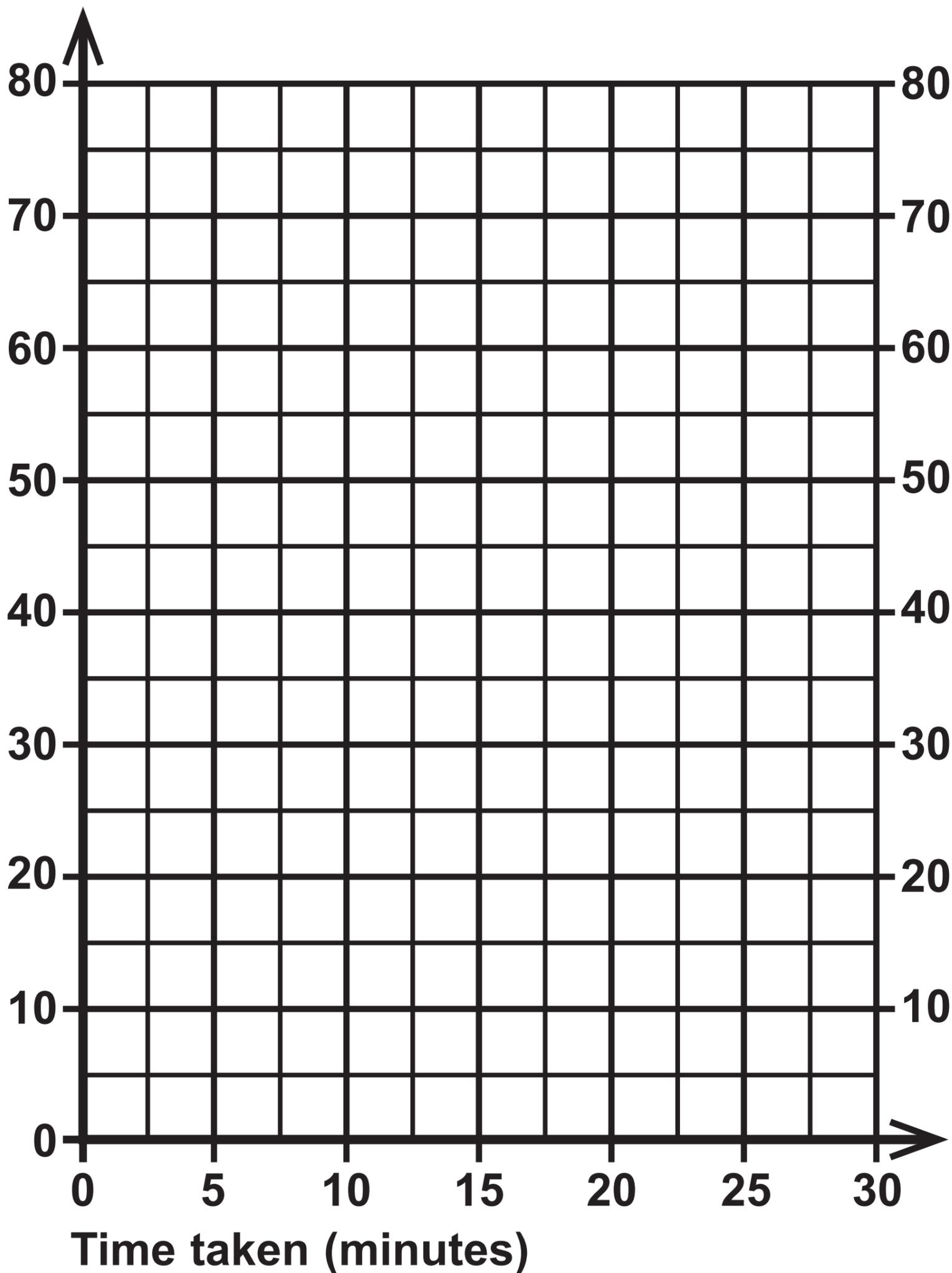


## Question 13

<b>Time taken (t minutes)</b>	<b>Frequency</b>
<b><math>0 &lt; t \leq 5</math></b>	<b>5</b>
<b><math>5 &lt; t \leq 10</math></b>	<b>10</b>
<b><math>10 &lt; t \leq 15</math></b>	<b>10</b>
<b><math>15 &lt; t \leq 20</math></b>	<b>15</b>
<b><math>20 &lt; t \leq 25</math></b>	<b>20</b>
<b><math>25 &lt; t \leq 30</math></b>	<b>20</b>

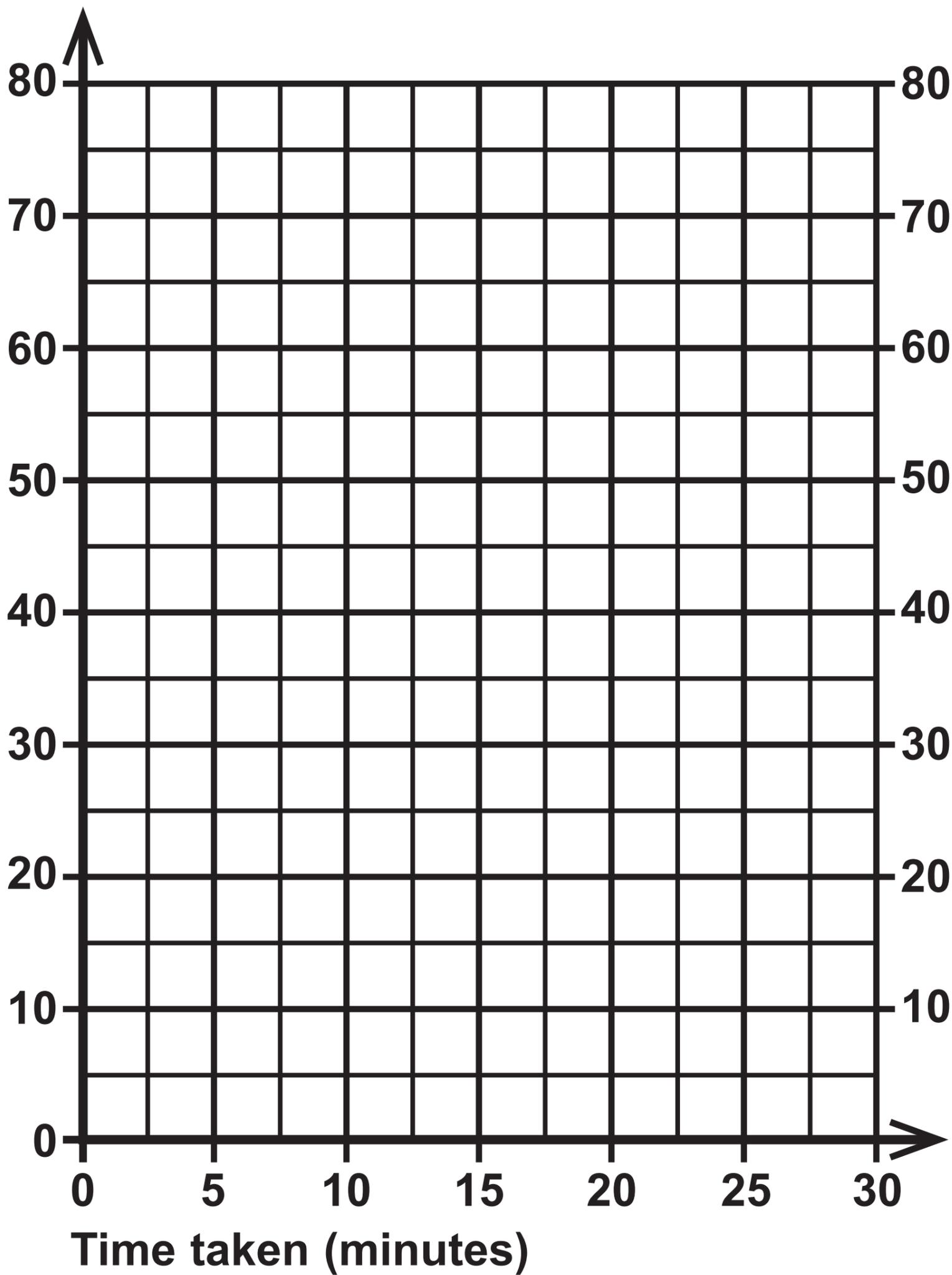
Question 13(b)

Cumulative frequency

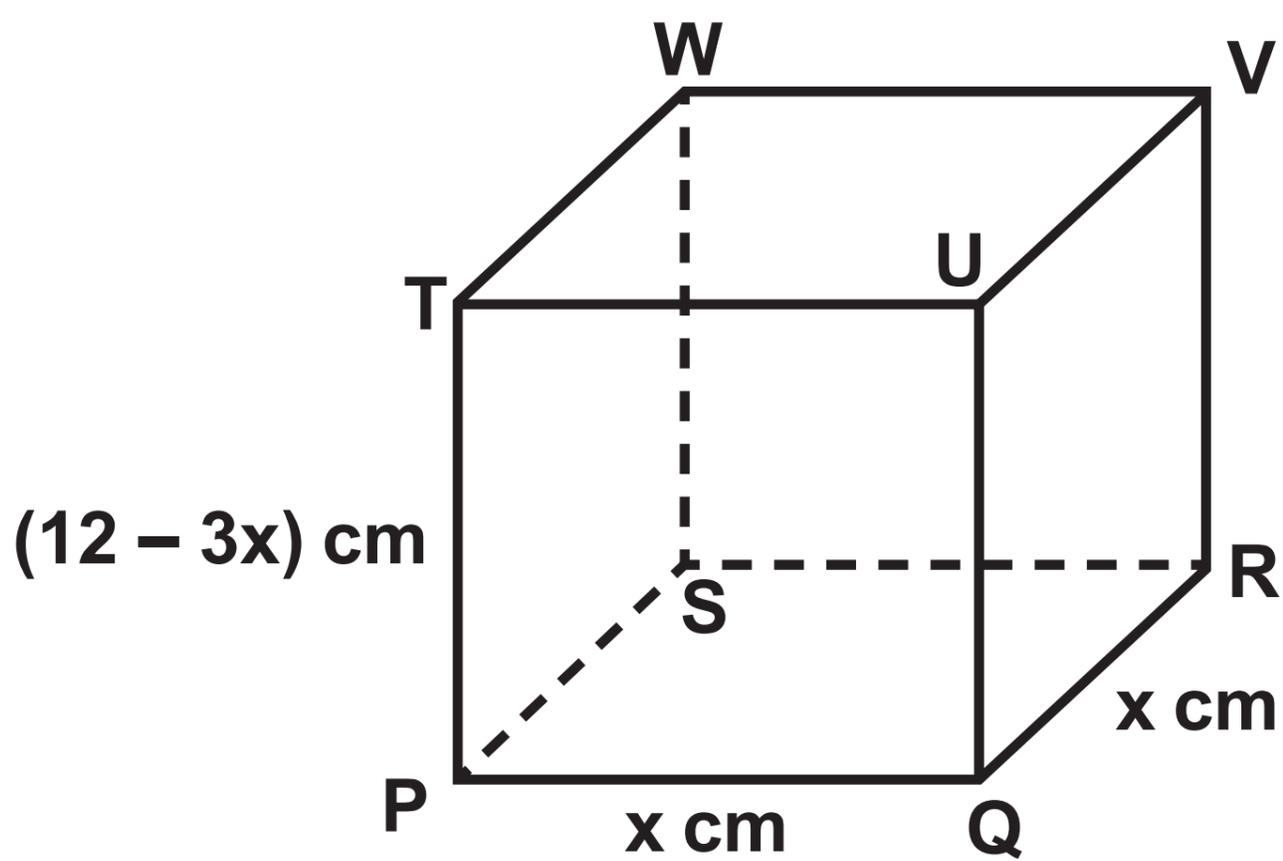


Question 13(b)

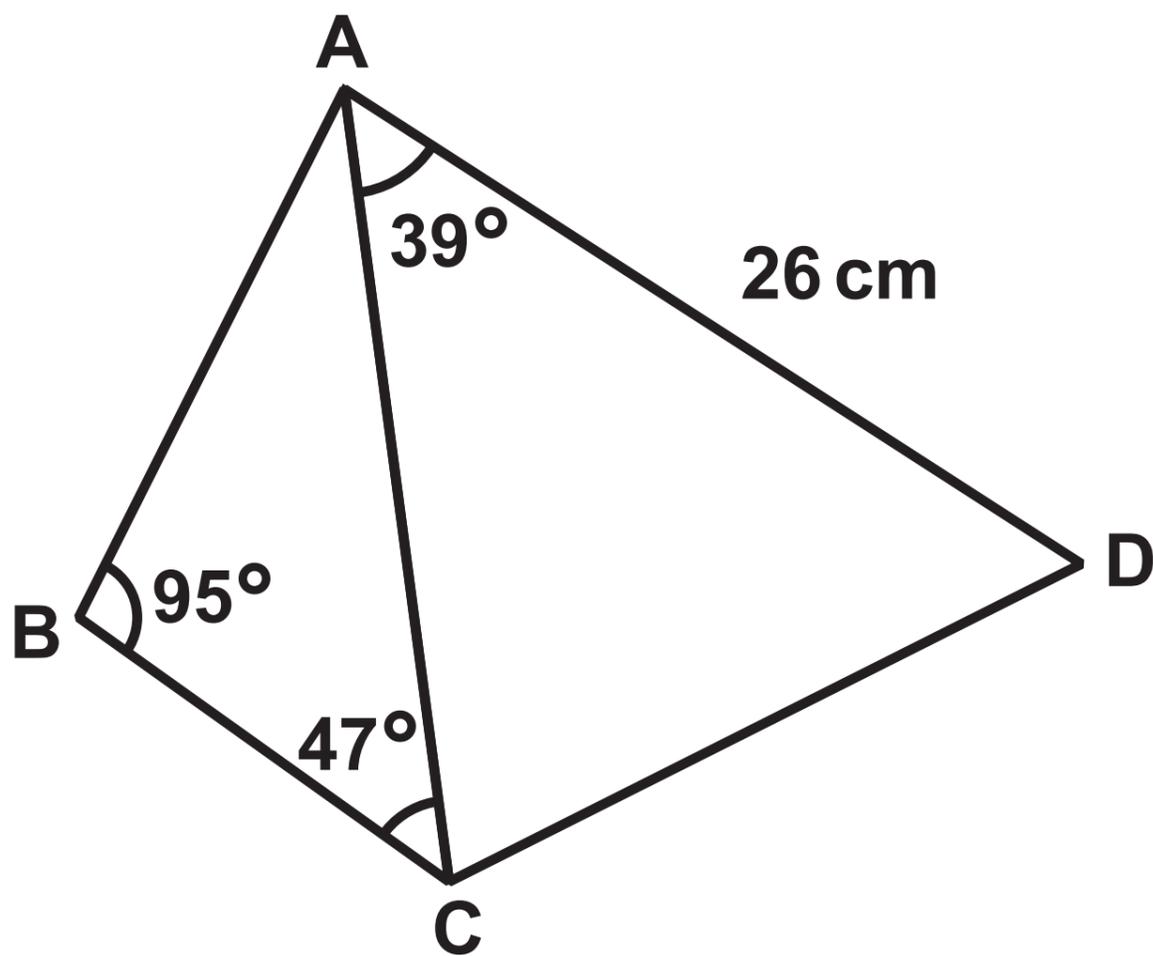
Cumulative frequency



## Question 18



Question 19



Question 21

Diagram 1

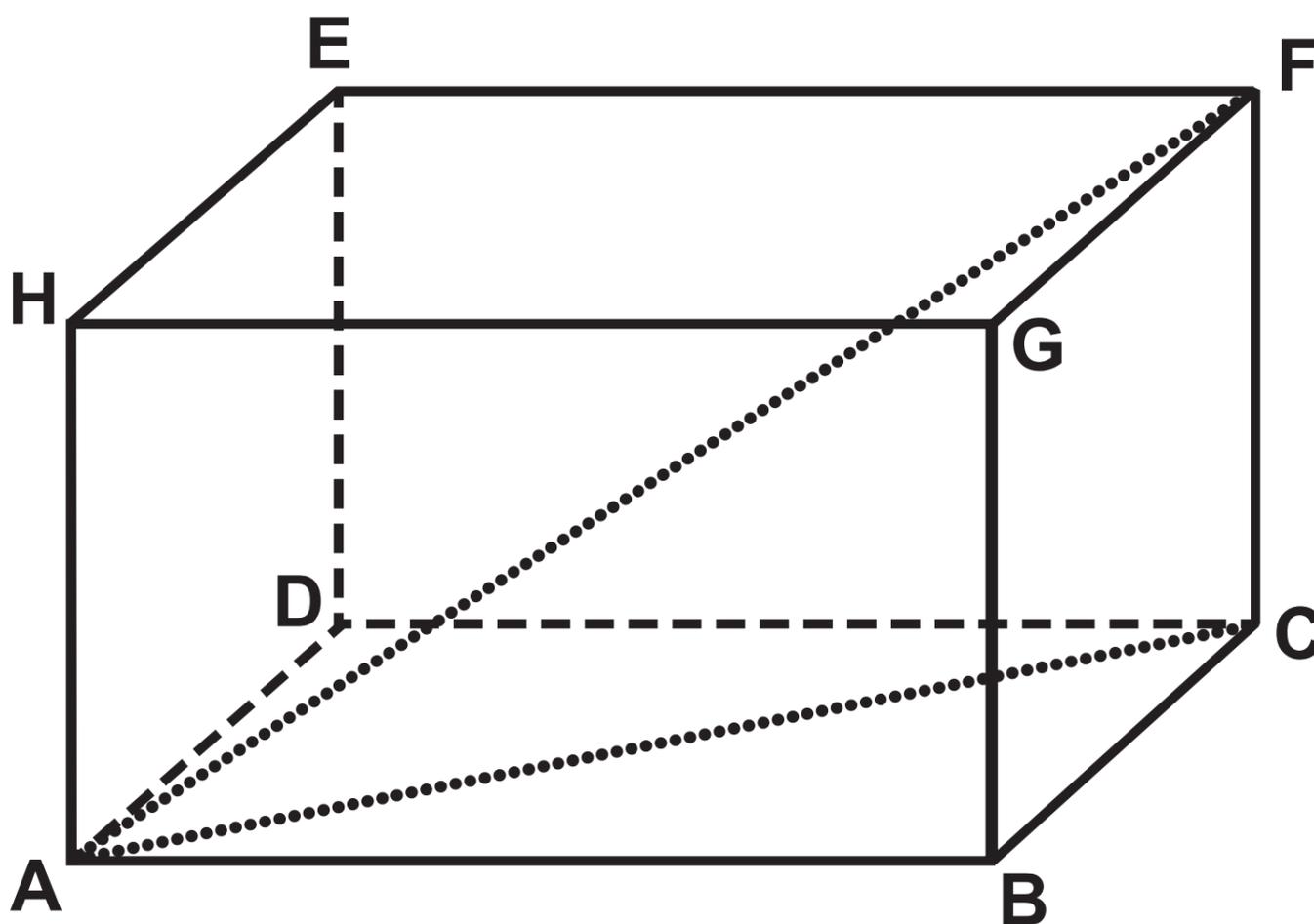


Diagram 1a

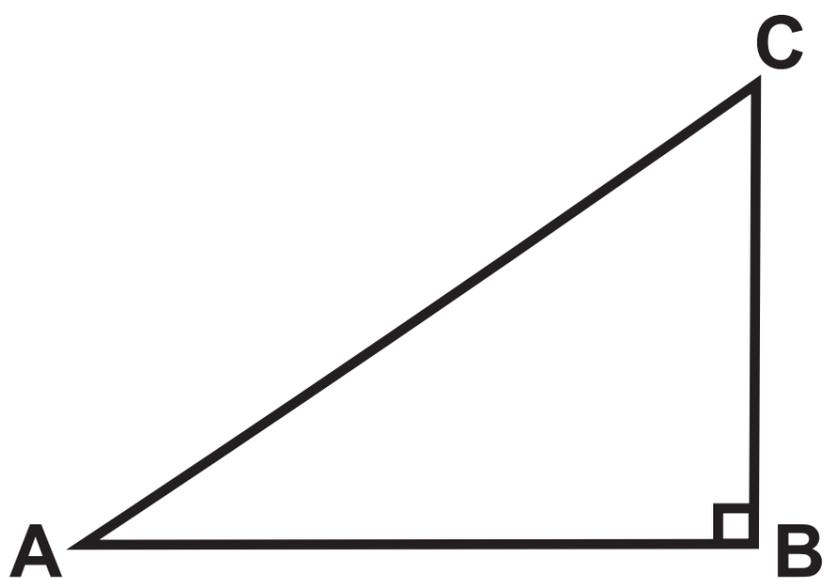


Diagram 1b

