

**Paper Reference 1MA1/1H**  
**Pearson Edexcel**  
**Level 1/Level 2 GCSE (9–1)**

**Mathematics**  
**Paper 1**  
**(Non-Calculator)**  
**Higher Tier**

**Tuesday 5 November 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 2

**There are 60 people in a choir.**

**Half of the people in the choir are women.**

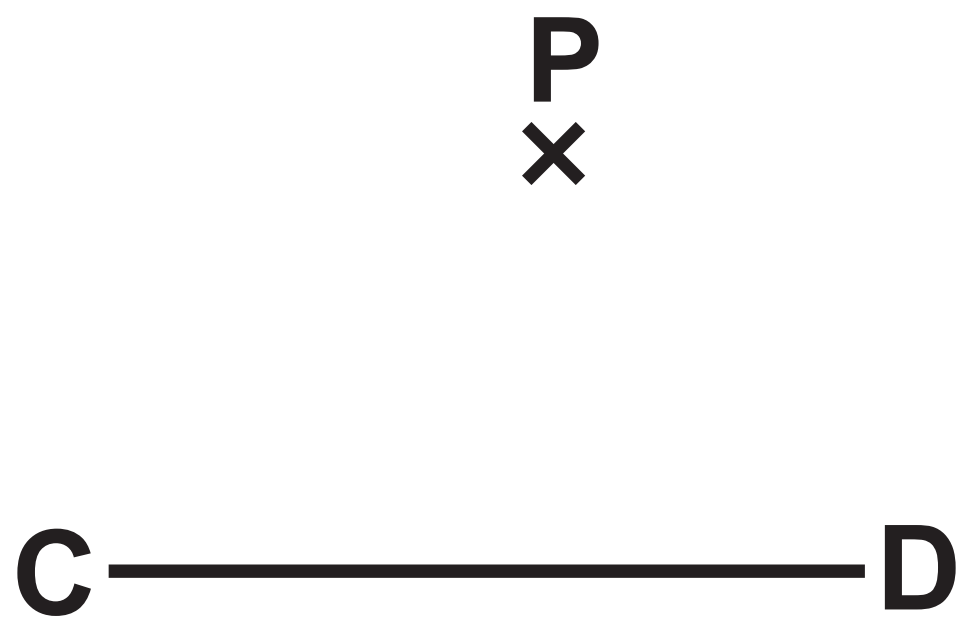
**The number of women in the choir is**

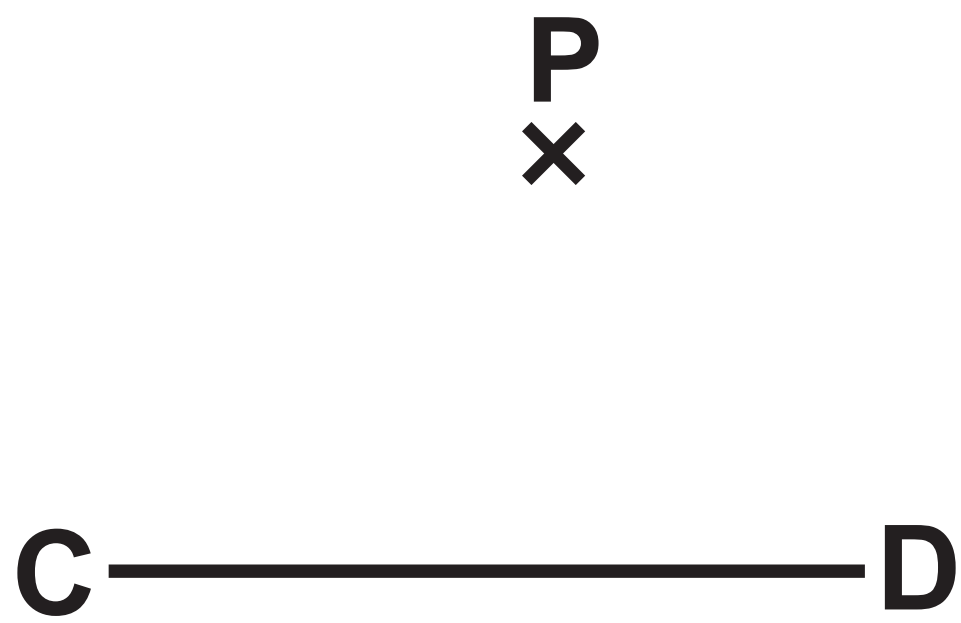
**3 times the number of men in the choir.**

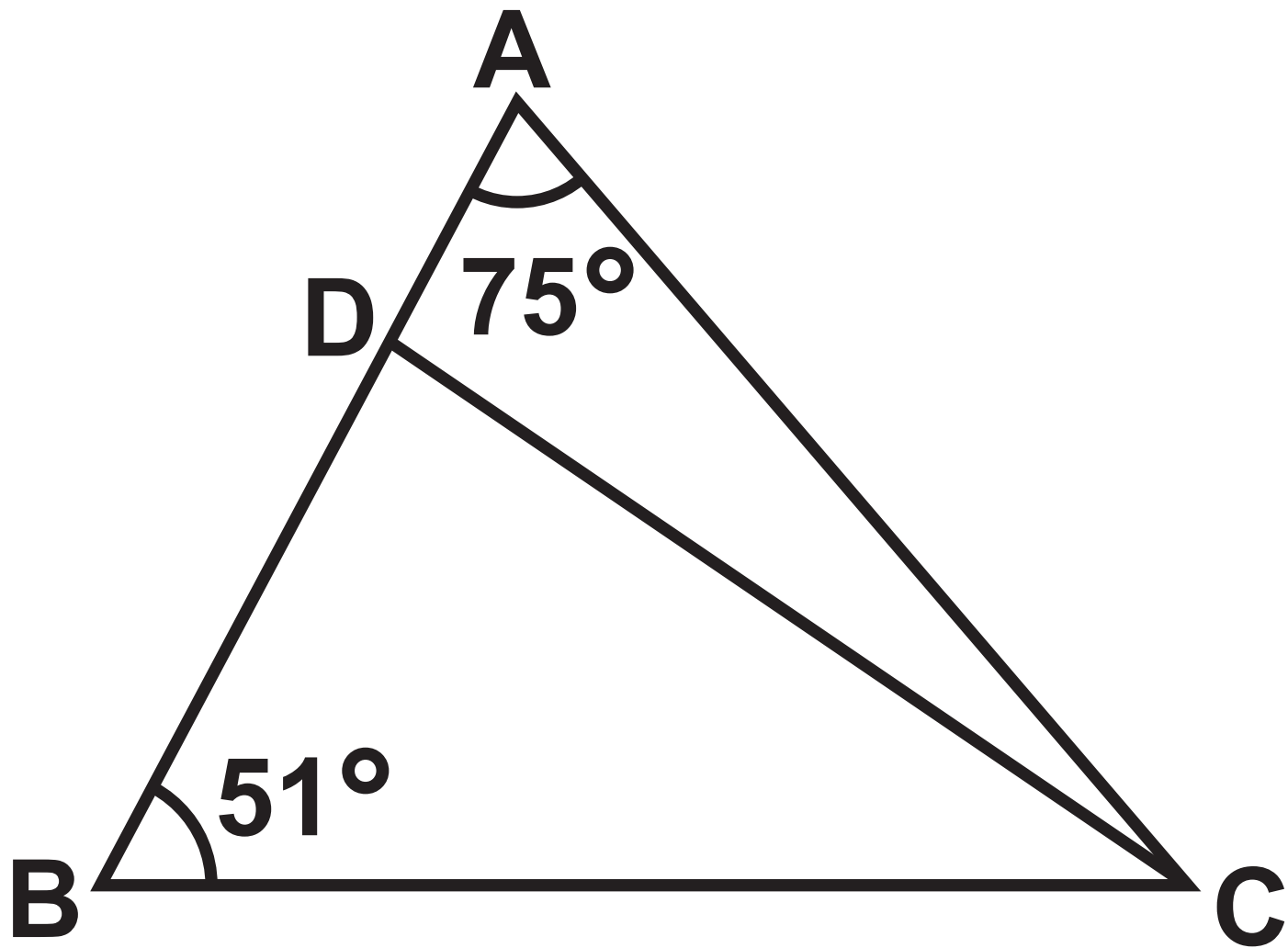
**The rest of the people in the choir are children.**

**the number of children in the choir : the**

**number of men in the choir =  $n : 1$**









**4 red bricks have a mean weight of 5 kg**

**5 blue bricks have a mean weight of 9 kg**

**1 green brick has a weight of 6 kg**

**Scale: 1 cm represents 2 km**

**N**  
↑  
x  
**P**

**N**  
↑  
x  
**L**

**Scale: 1 cm represents 2 km**

**N**



**x**

**P**

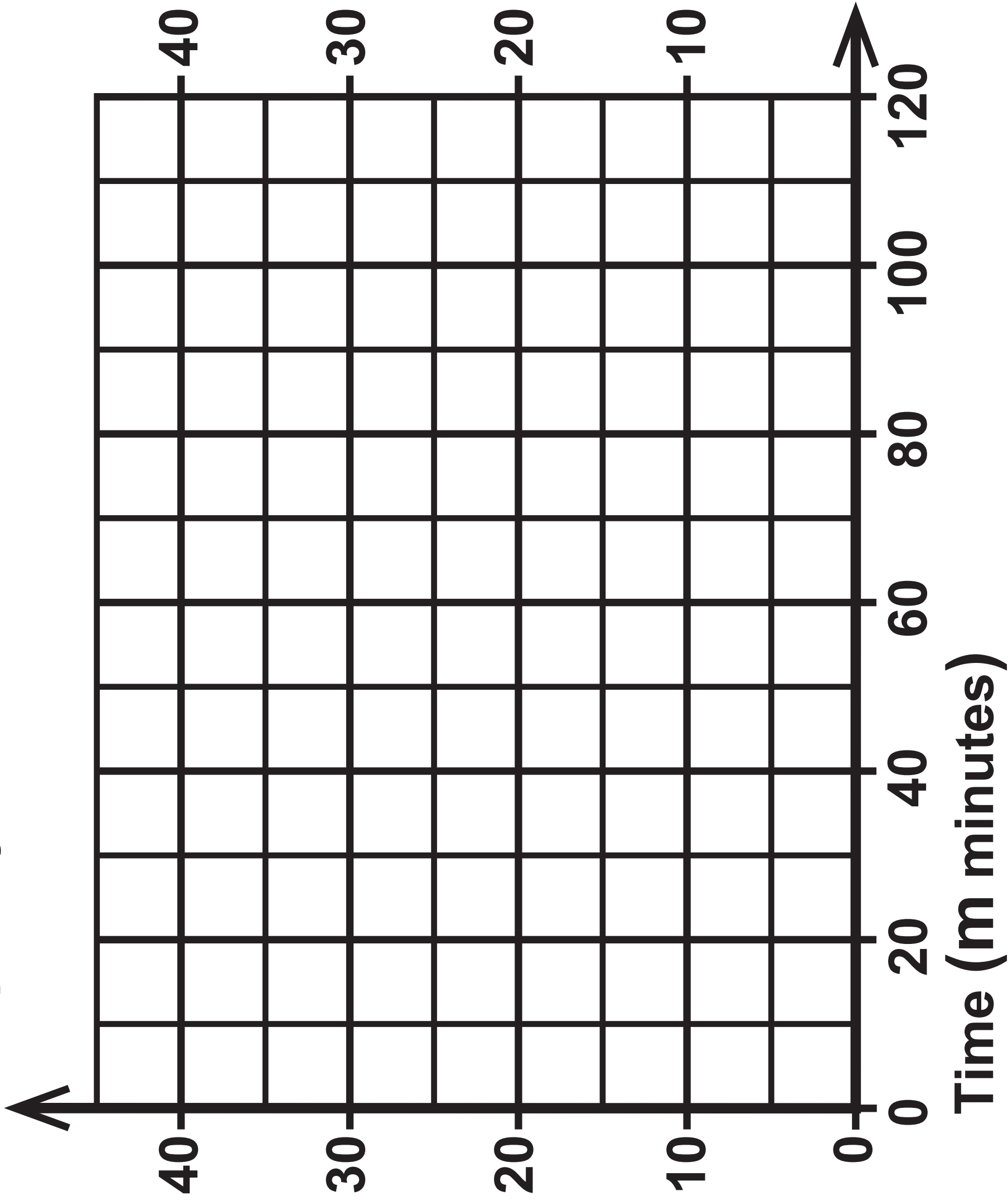
**N**



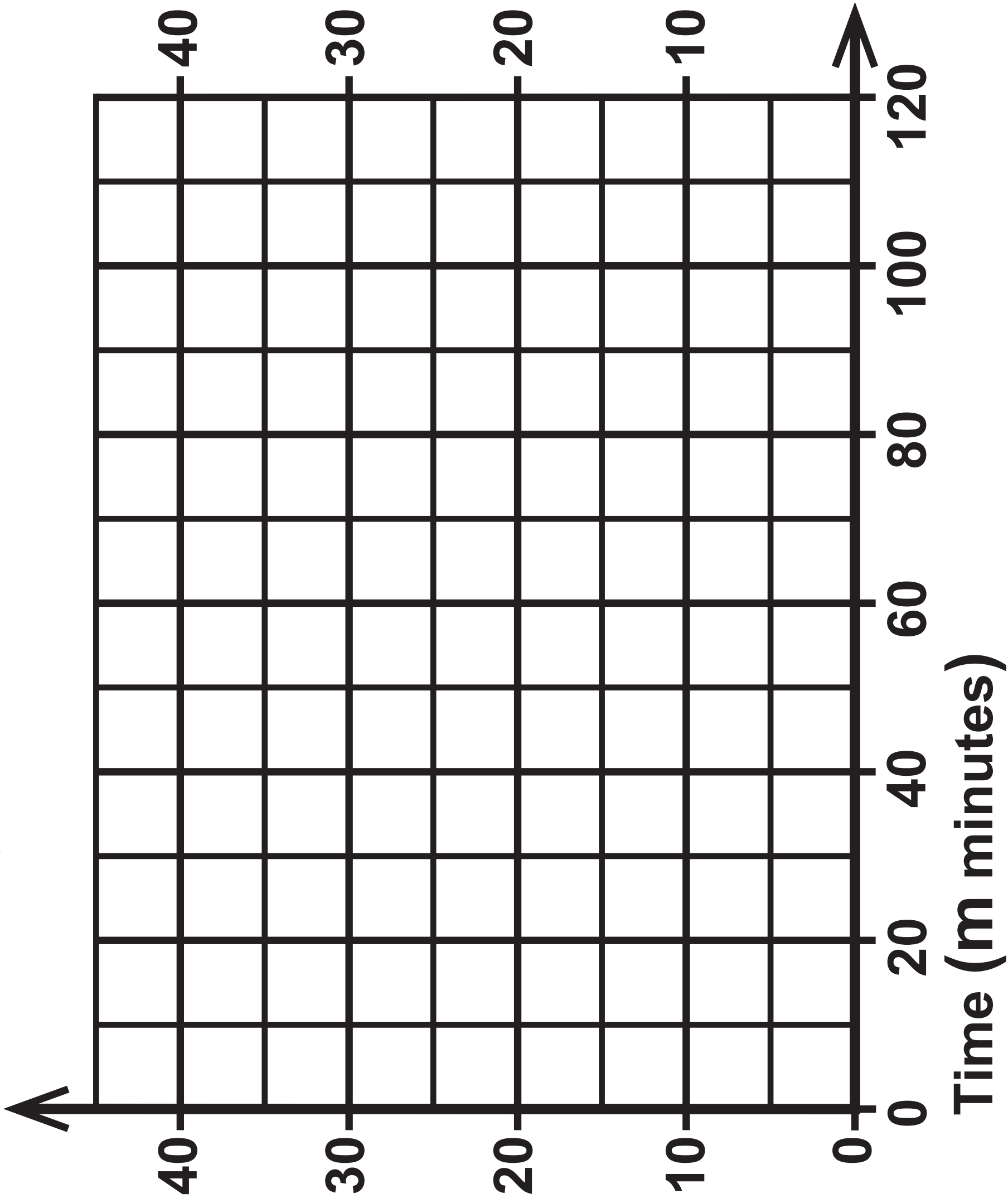
**x**

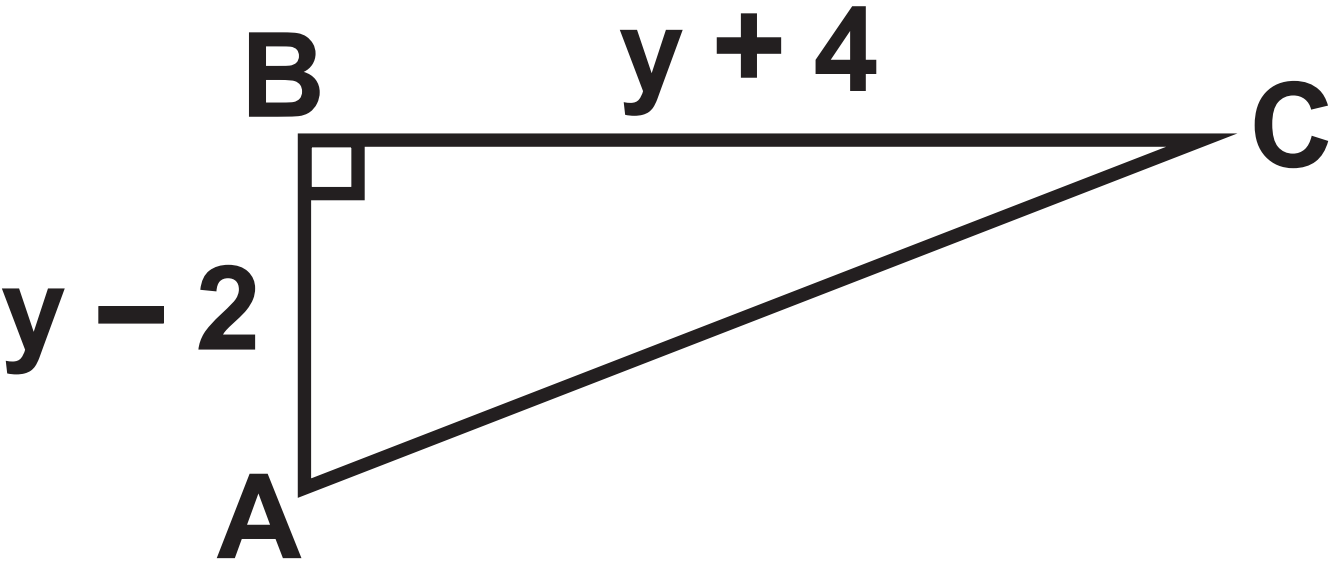
**L**

Cumulative frequency

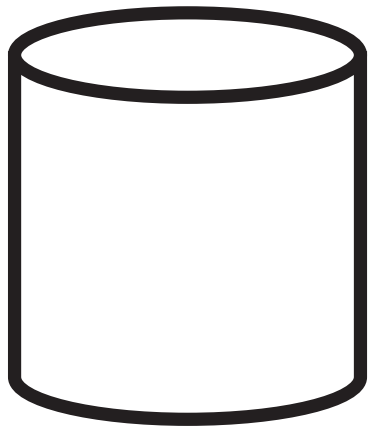


Cumulative frequency





Container A



Container B

