

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.

Surname					
Other names					
Centre Number					
Candidate Number					

## 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.**

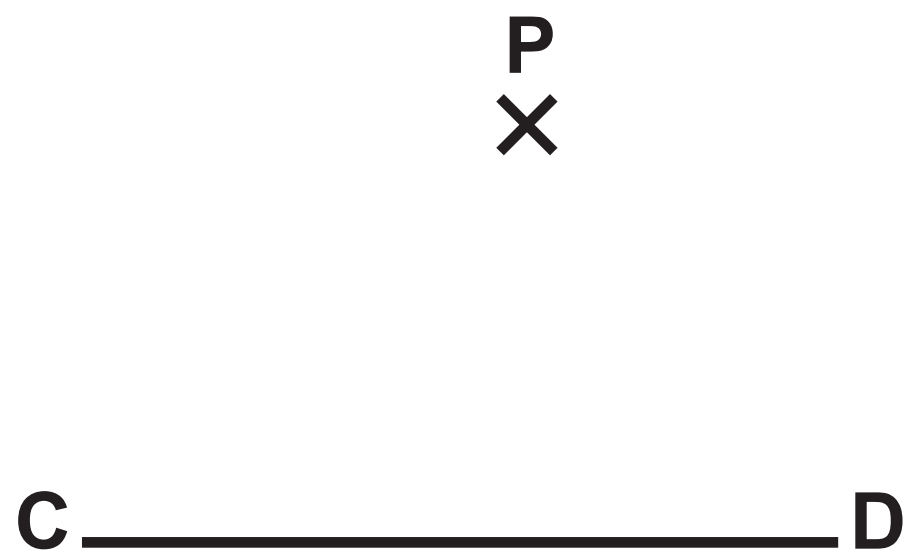
**Half of the people in the choir are women.**

**The number of women in the choir is 3 times the number of men in the choir.**

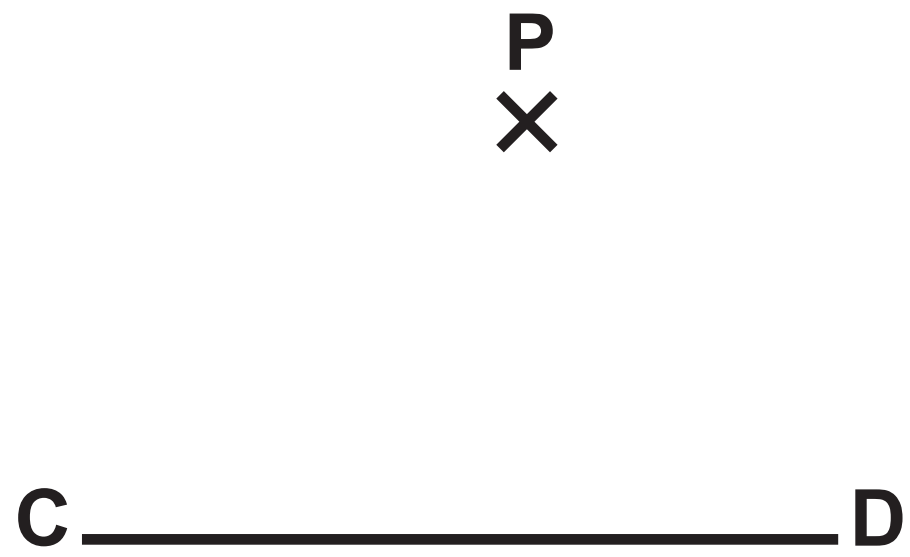
**The rest of the people in the choir are children.**

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

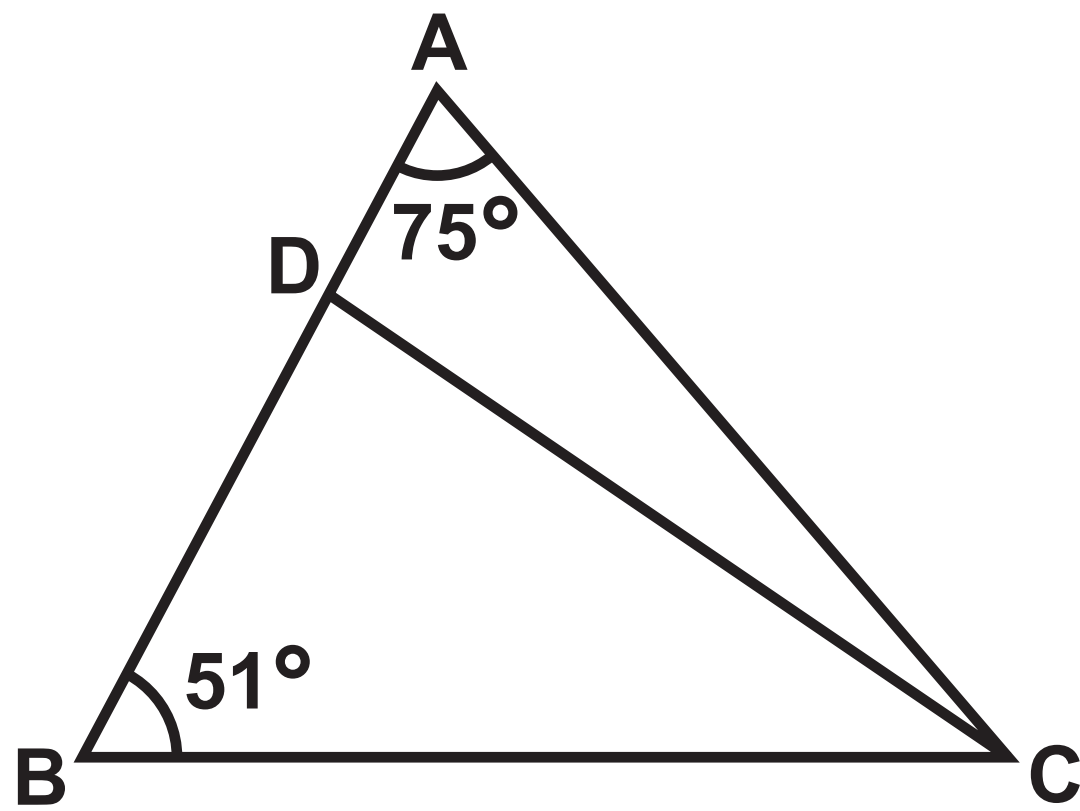
Question 4



Question 4



Question 5



**Question 6**

**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**



Question 8

Scale: 1 cm represents 2 km

N  
↑  
X  
P

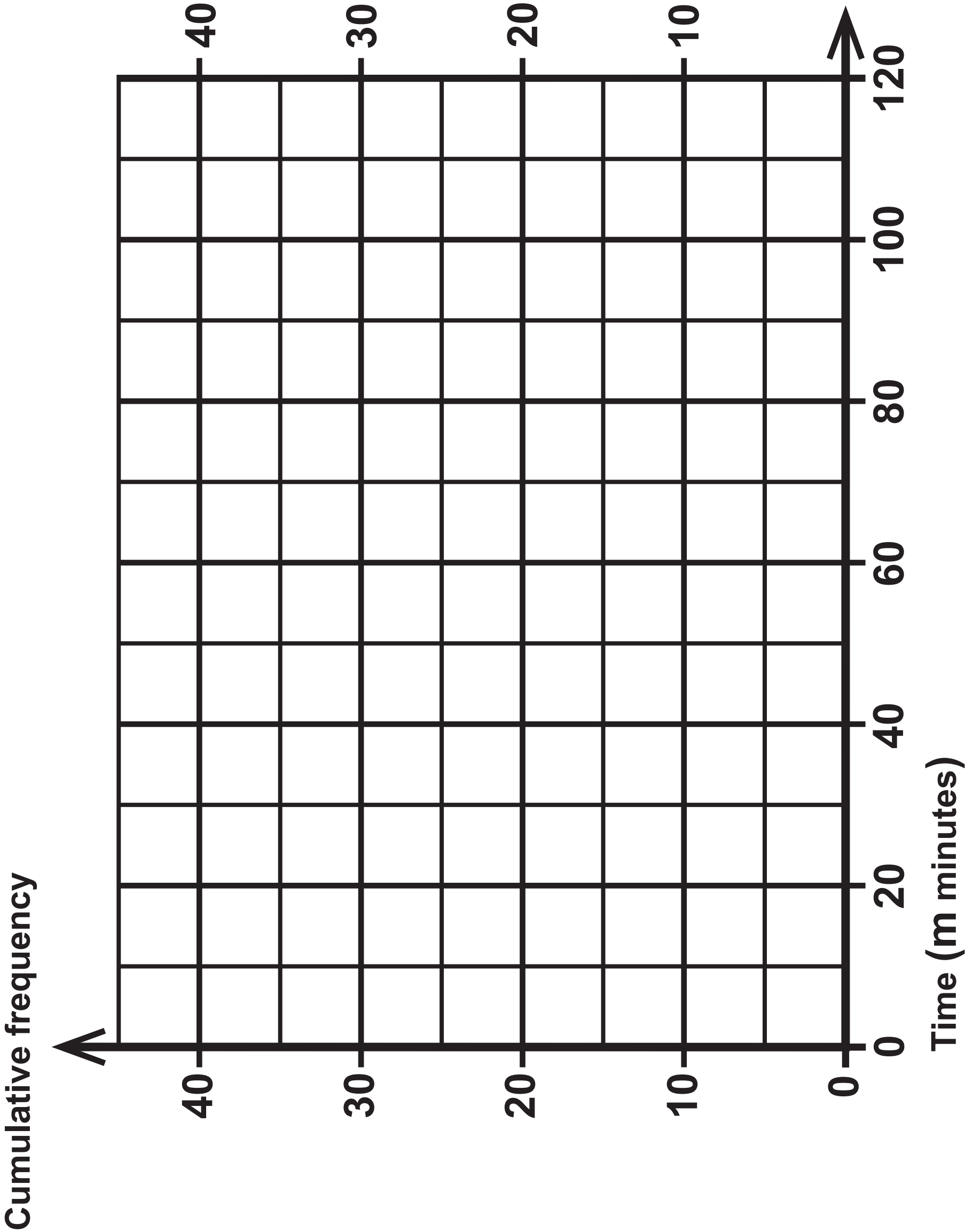
N  
↑  
X  
L

Question 8

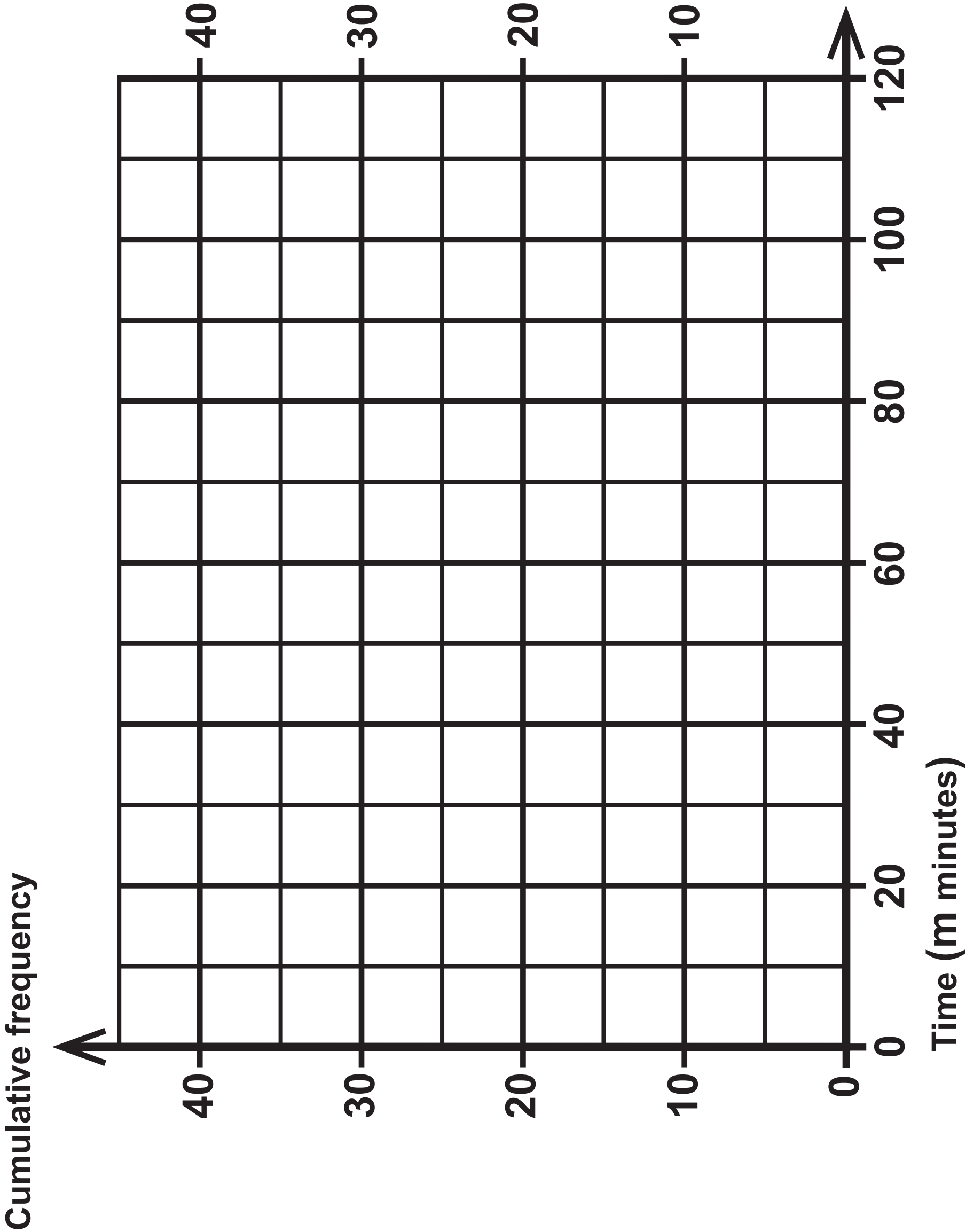
Scale: 1 cm represents 2 km



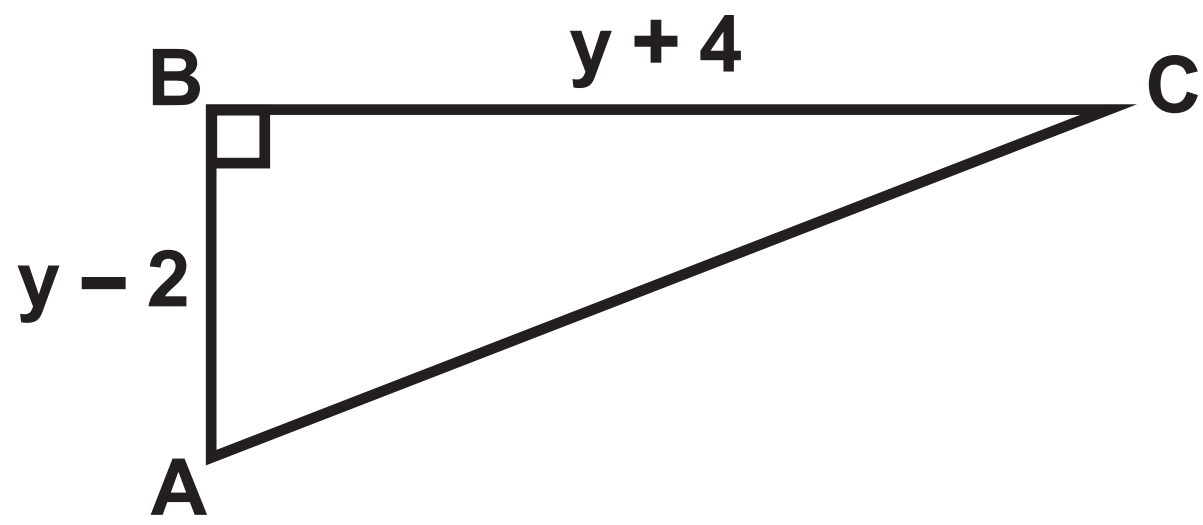
Question 10



Question 10

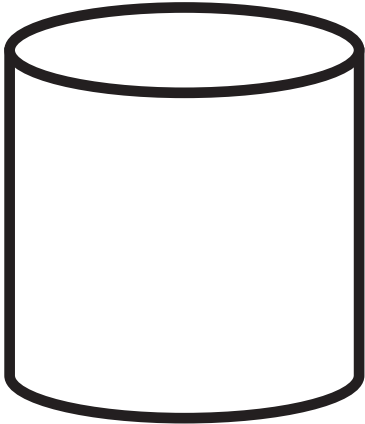


## Question 14

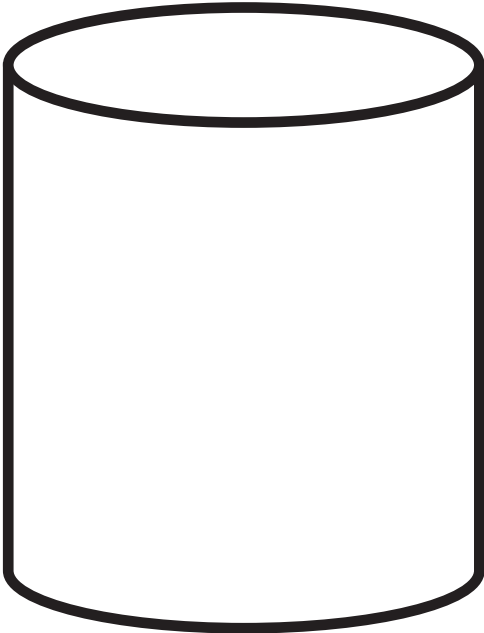


Question 17

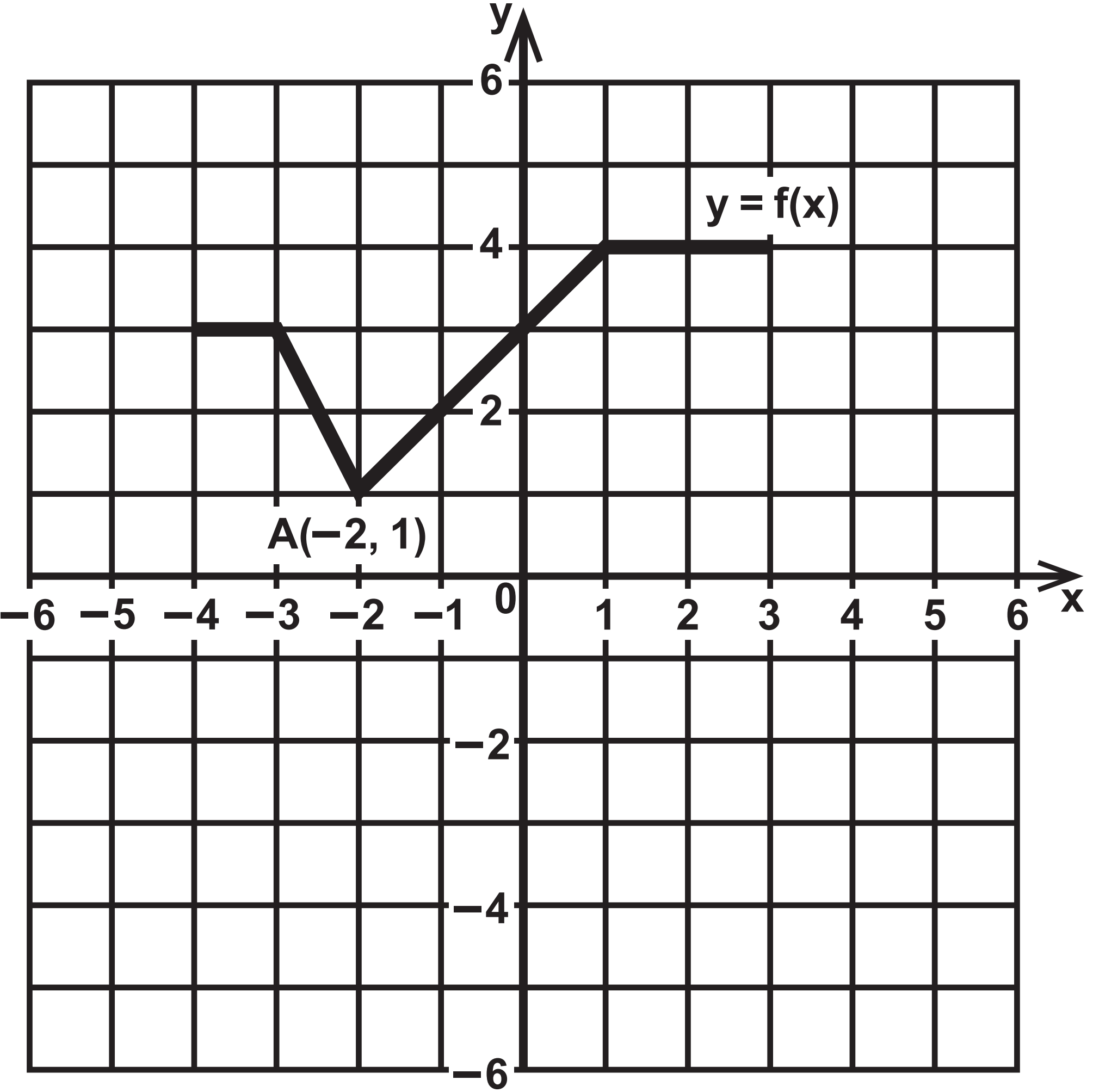
Container A



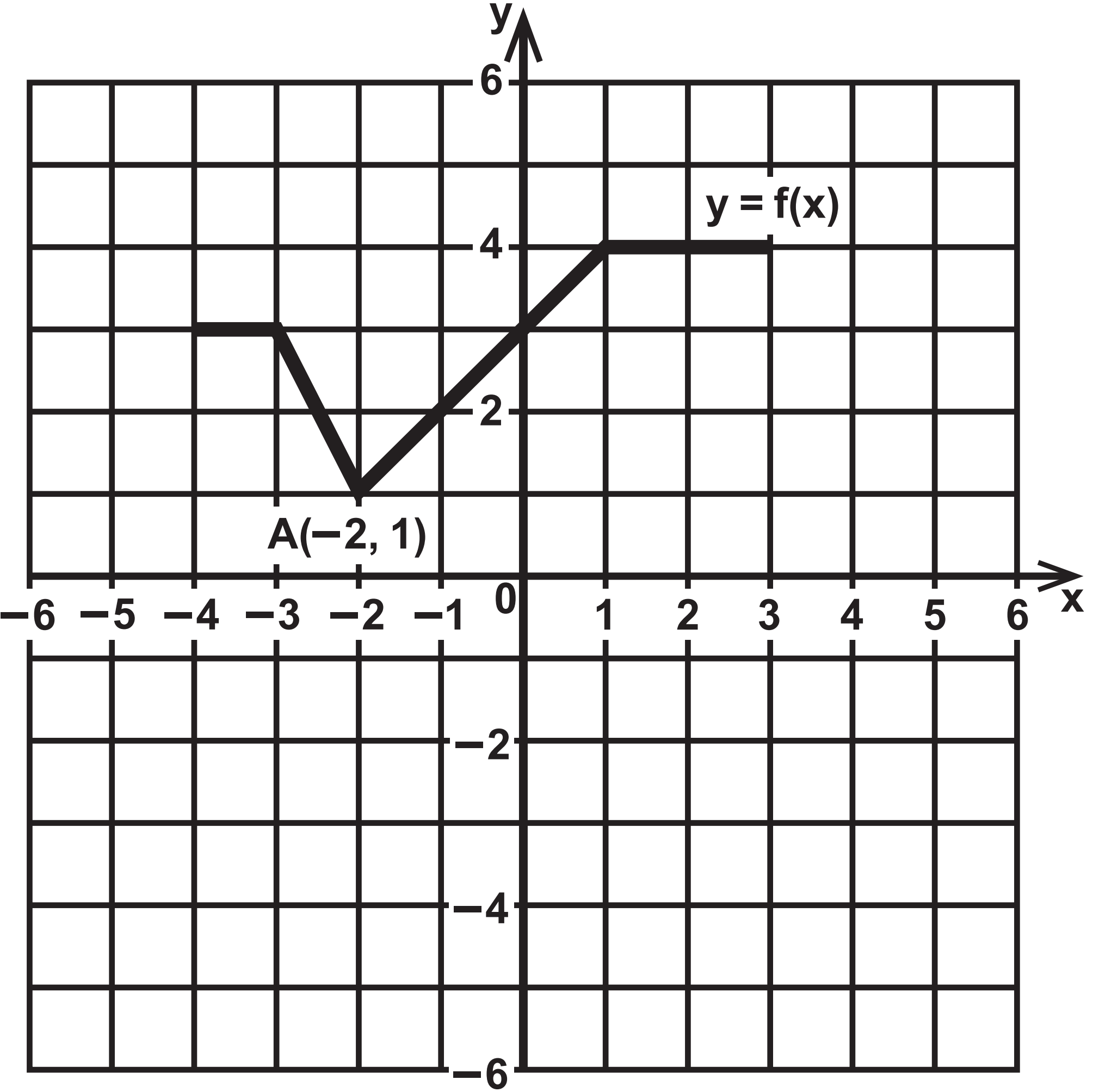
Container B



Question 20

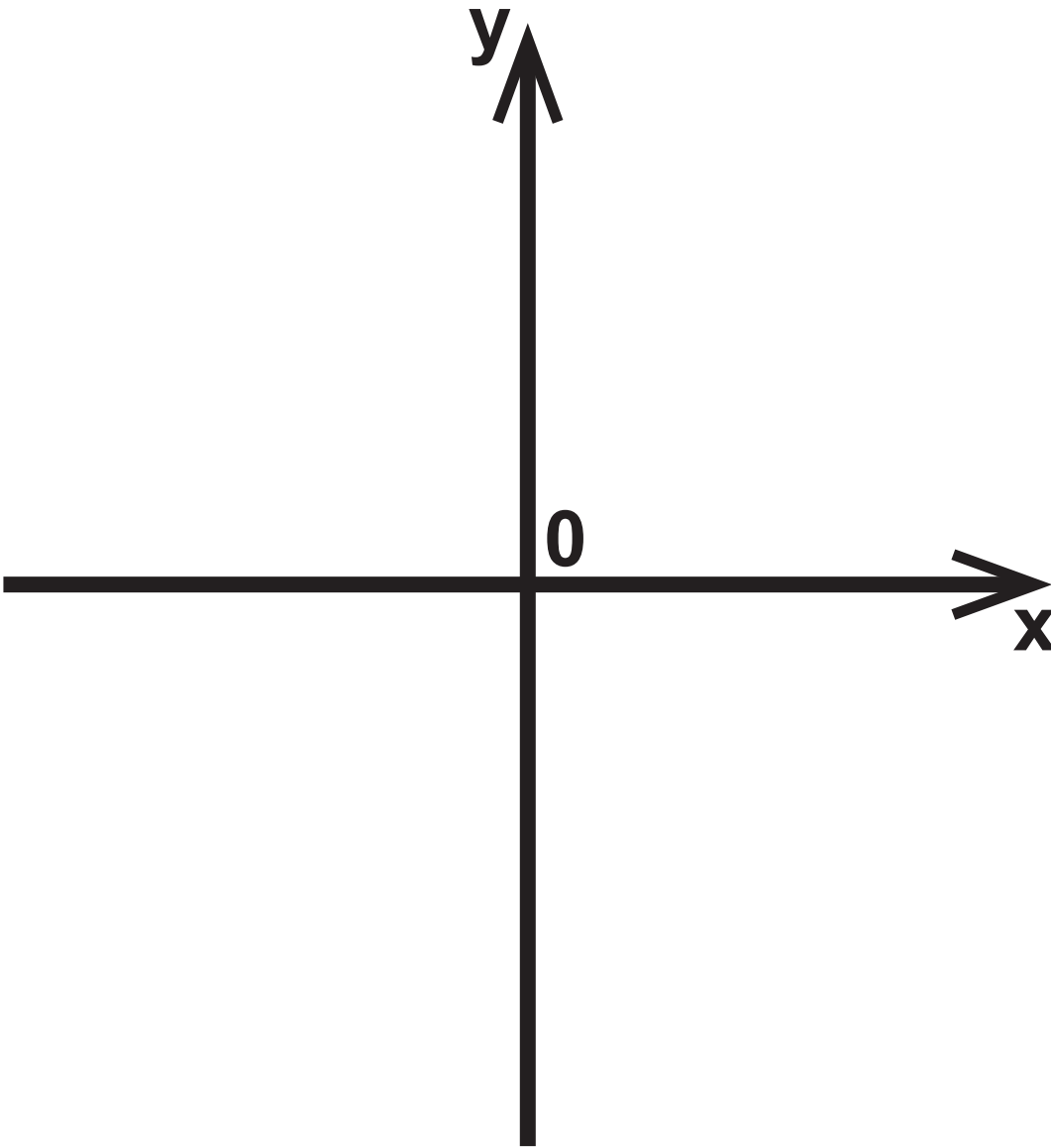


Question 20

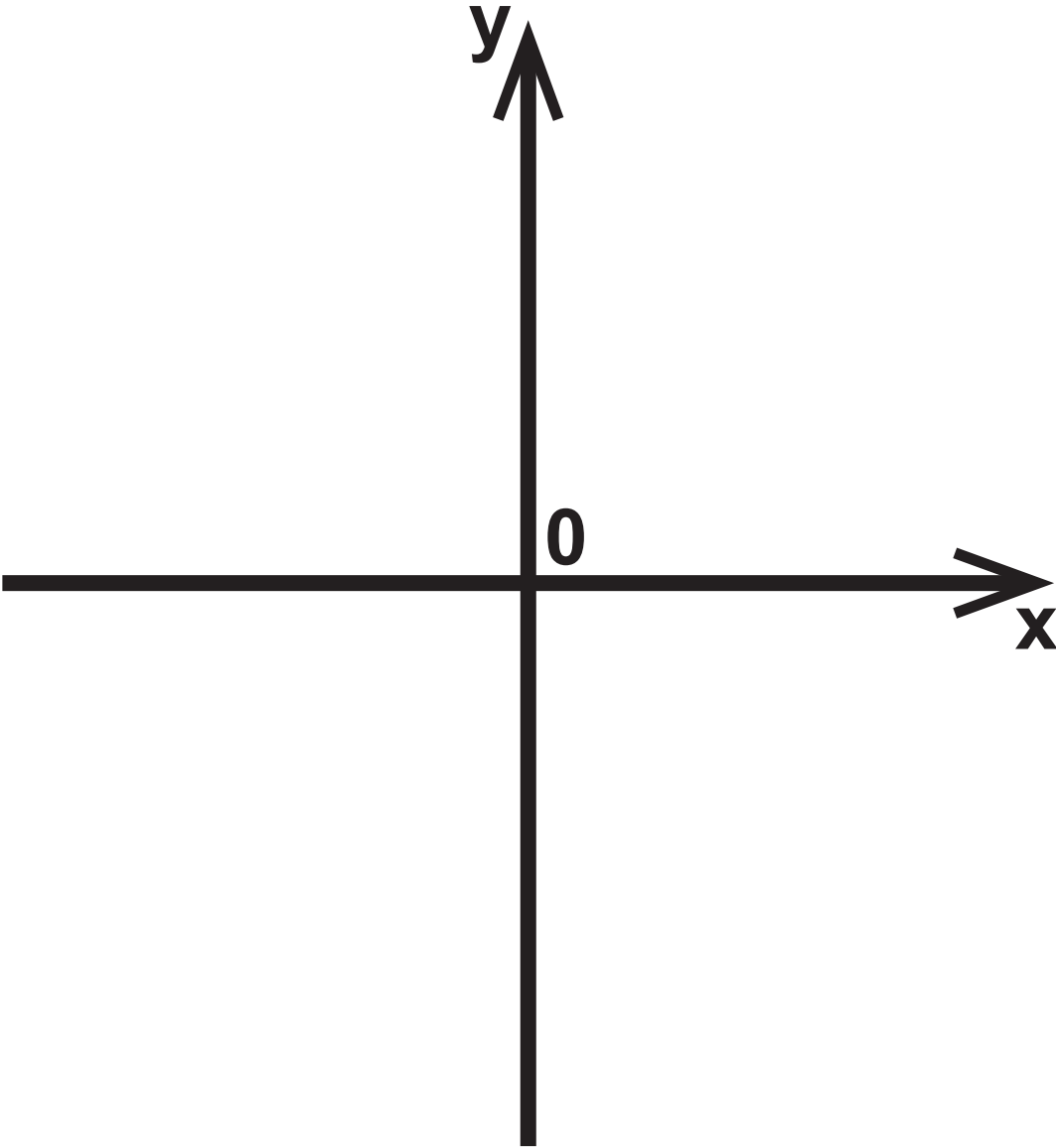




Question 21



Question 21



Question 22

