

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.**

Contents

Page

| | |
|----|--------------------------|
| 4 | Question 2 |
| 5 | Question 4 |
| 6 | Question 4 (Spare Copy) |
| 7 | Question 5 |
| 8 | Question 6 |
| 9 | Question 8 |
| 10 | Question 8 (Spare Copy) |
| 11 | Question 10 |
| 12 | Question 10 (Spare Copy) |
| 13 | Question 14 |
| 14 | Question 17 |
| 15 | Question 20 |
| 16 | Question 20 (Spare Copy) |
| 17 | Question 21 |
| 18 | Question 21 (Spare Copy) |
| 19 | Question 22 |

Question 2

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

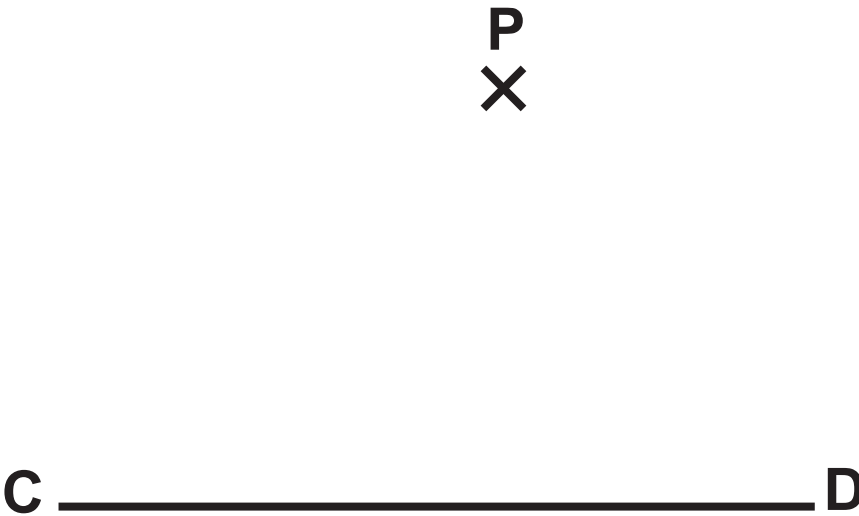
Half of the people in the choir are women.

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

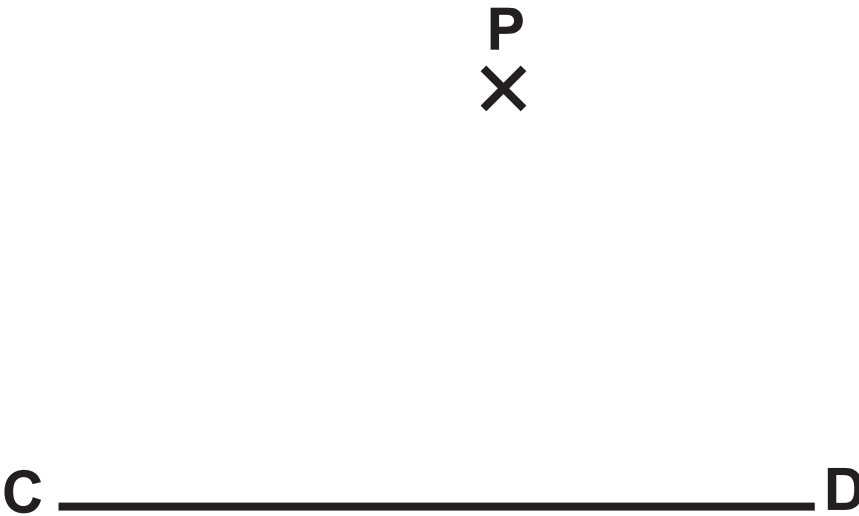
The rest of the people in the choir are children.

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

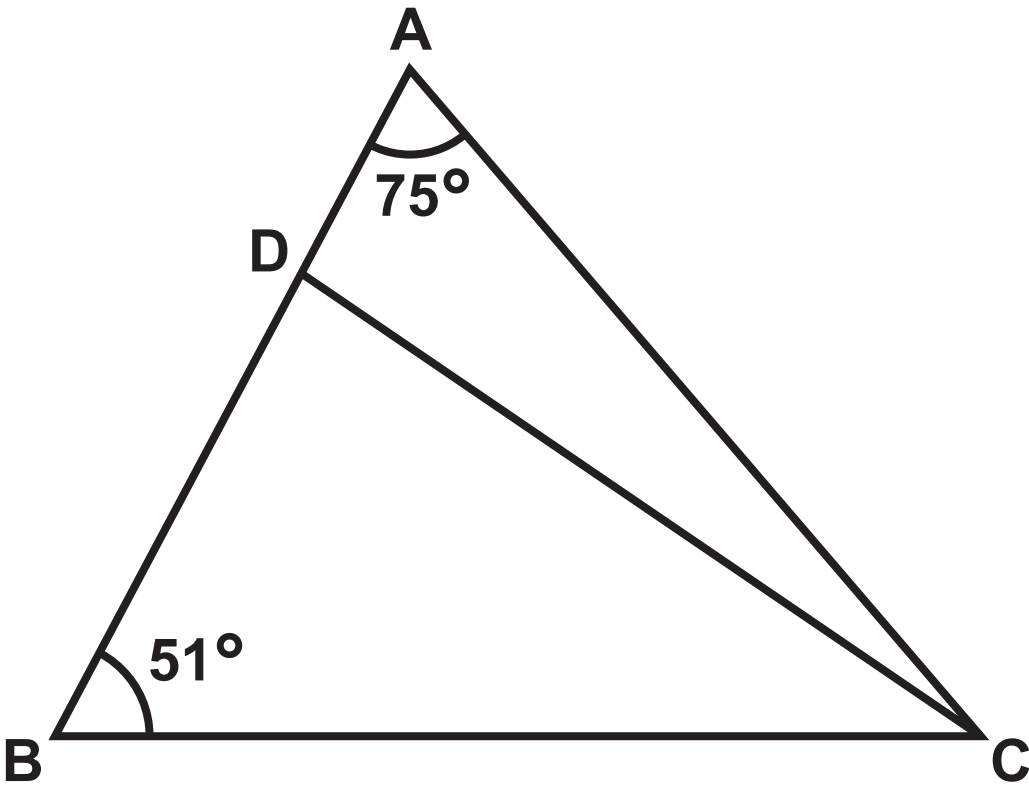
Question 4



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

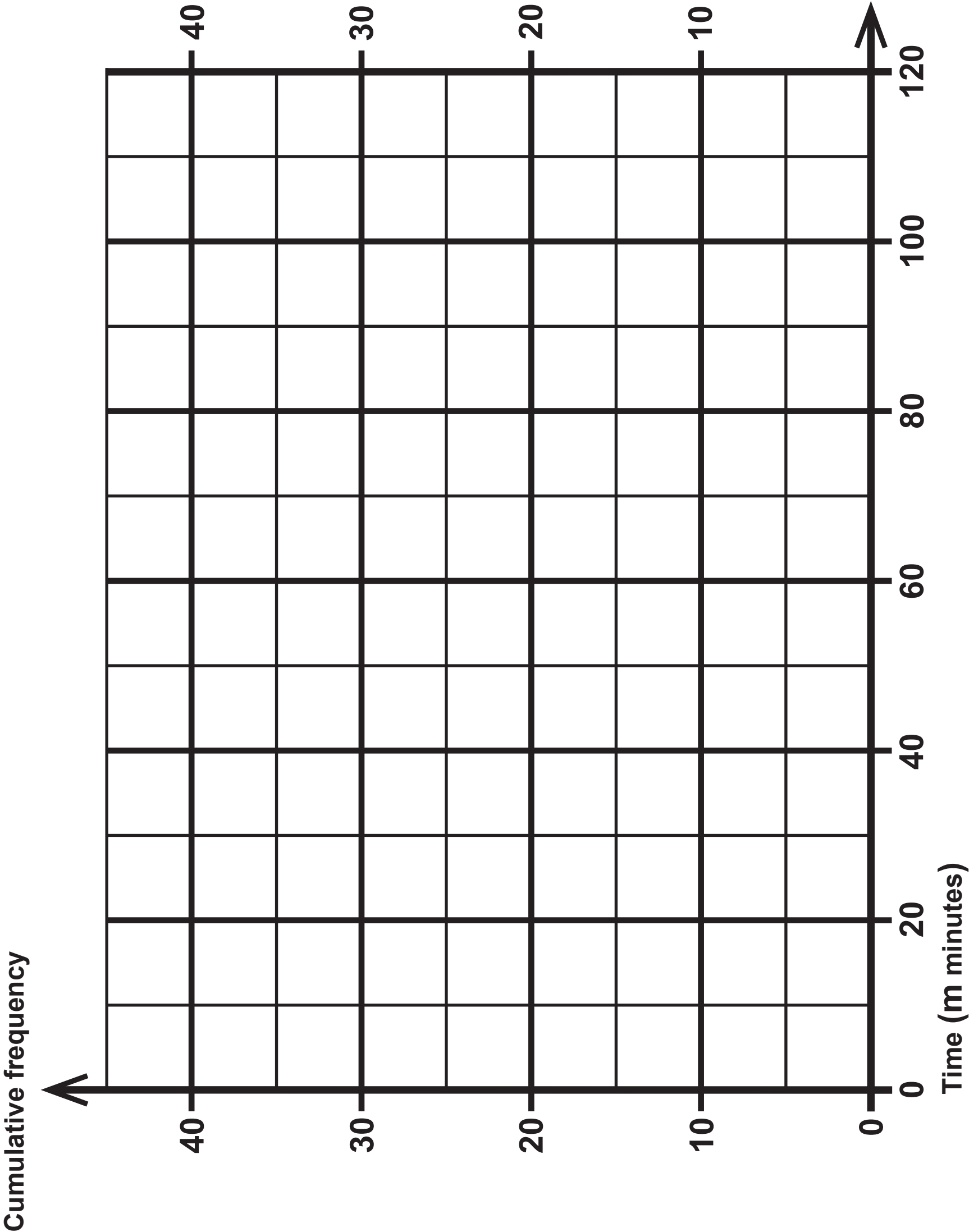


Question 8

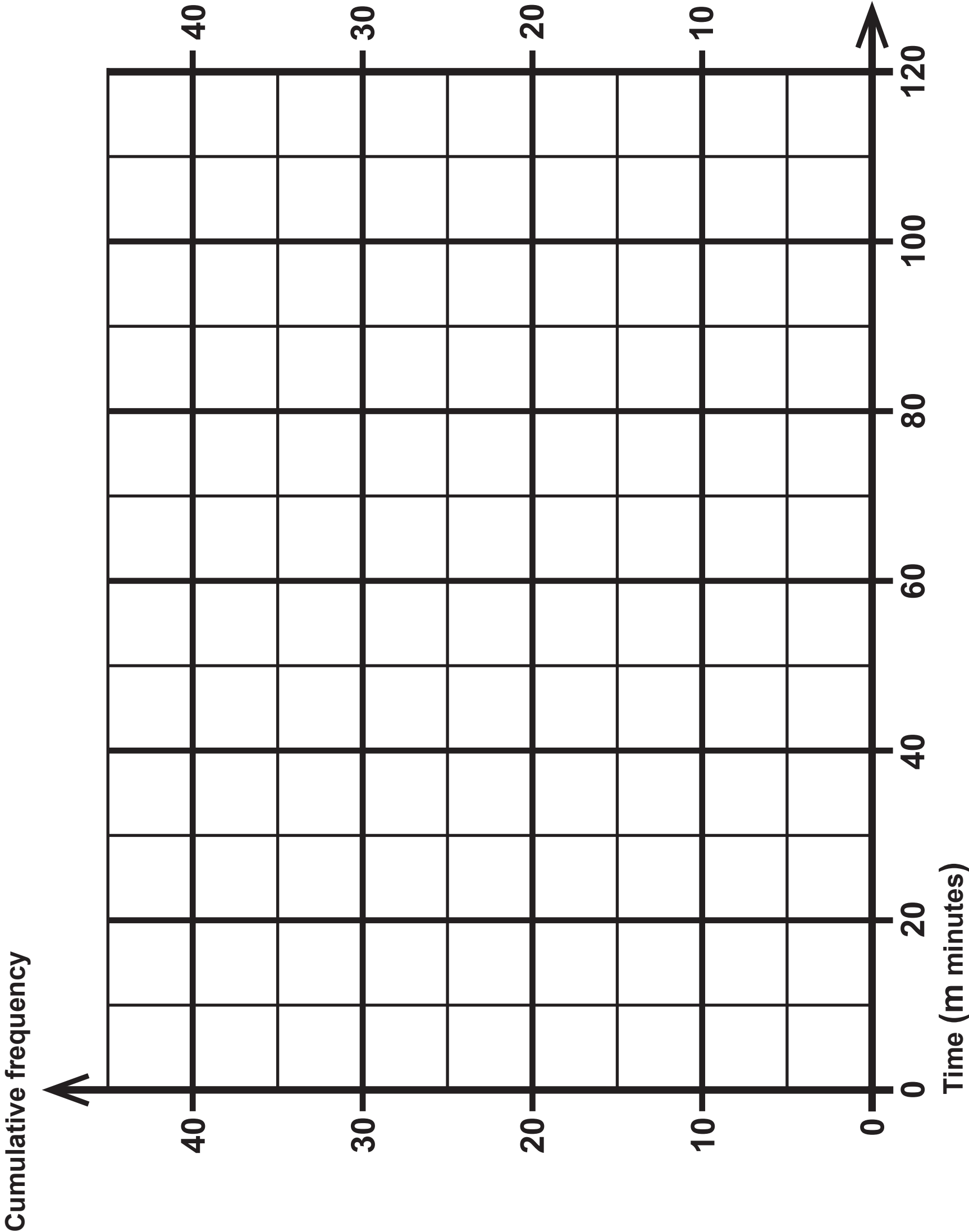
Scale: 1 cm represents 2 km



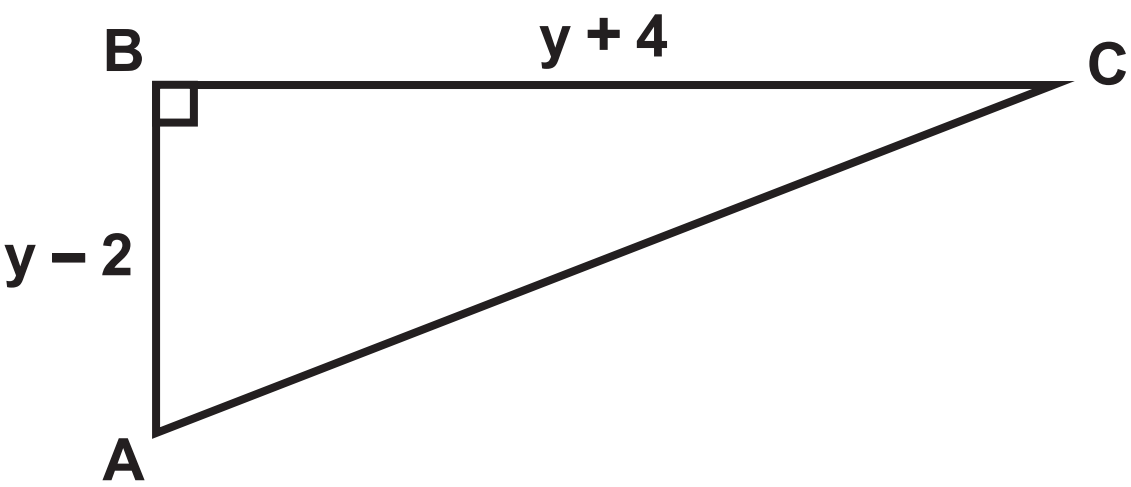
Question 10



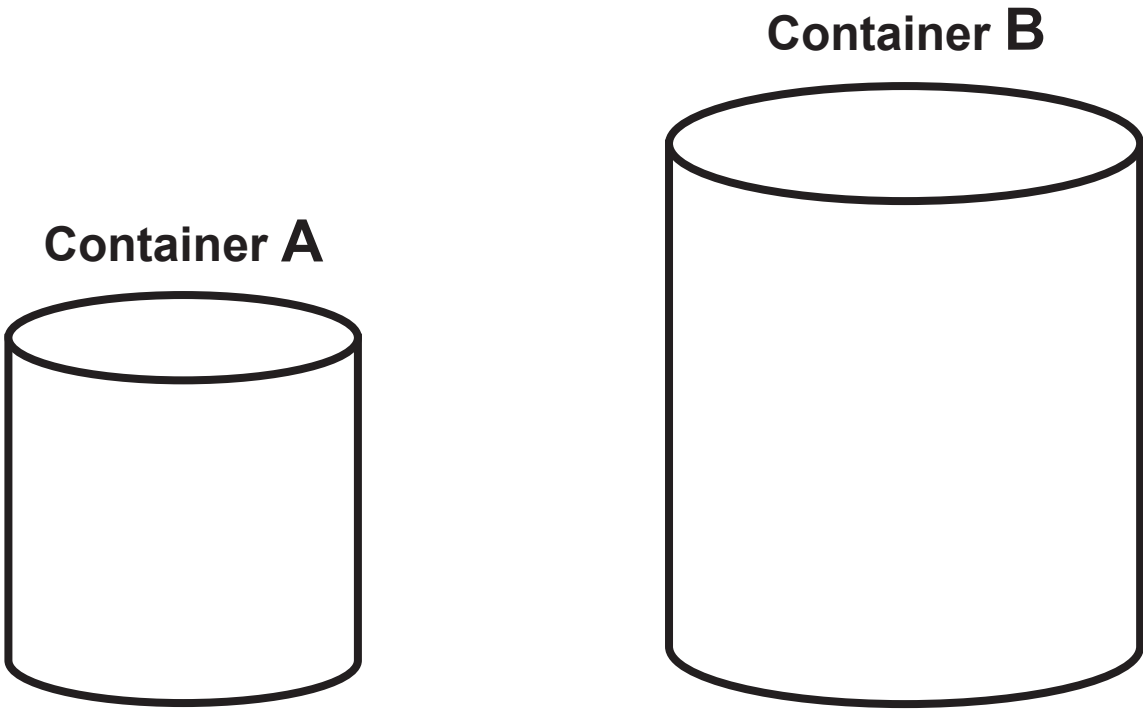
Question 10



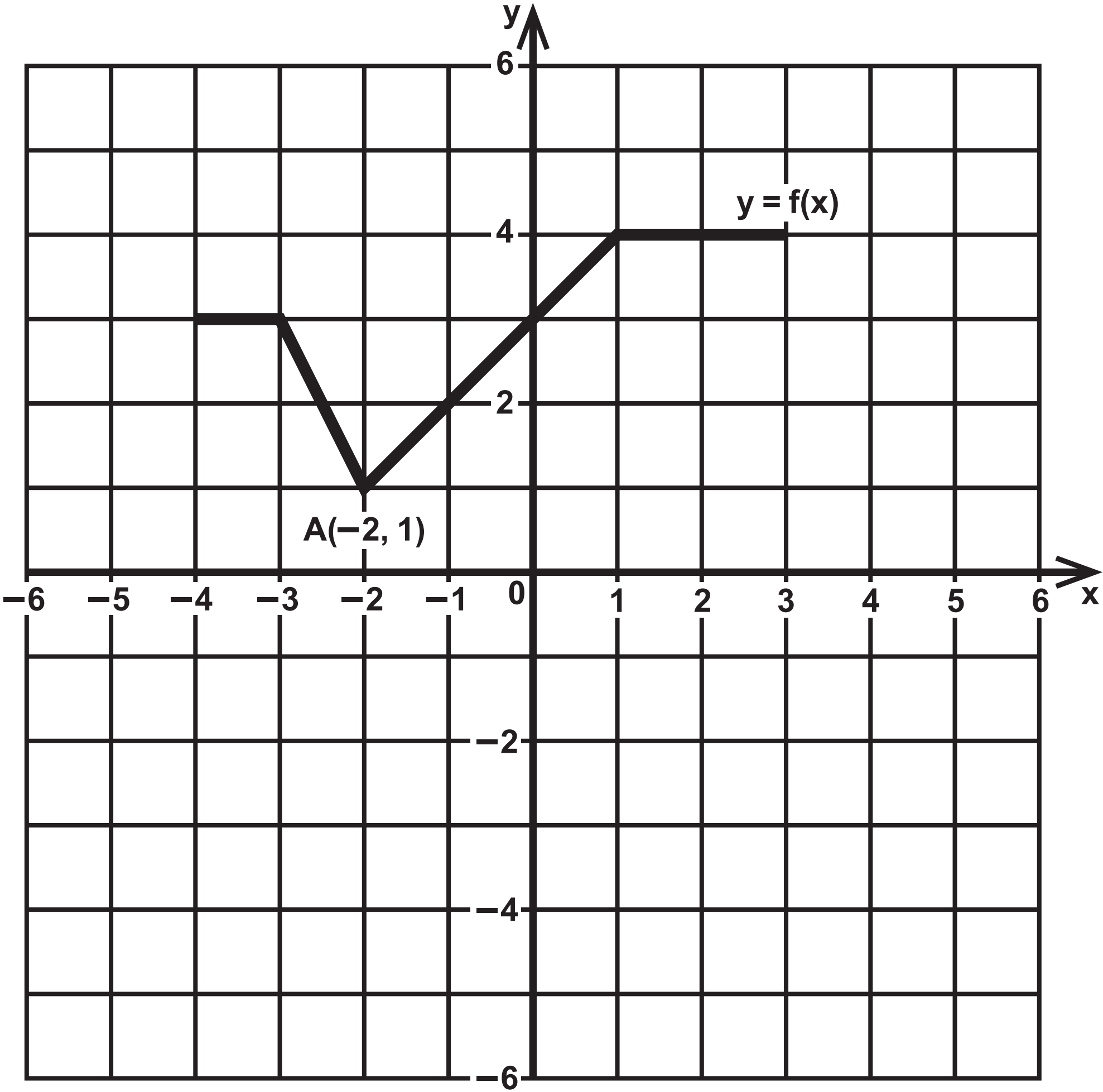
Question 14



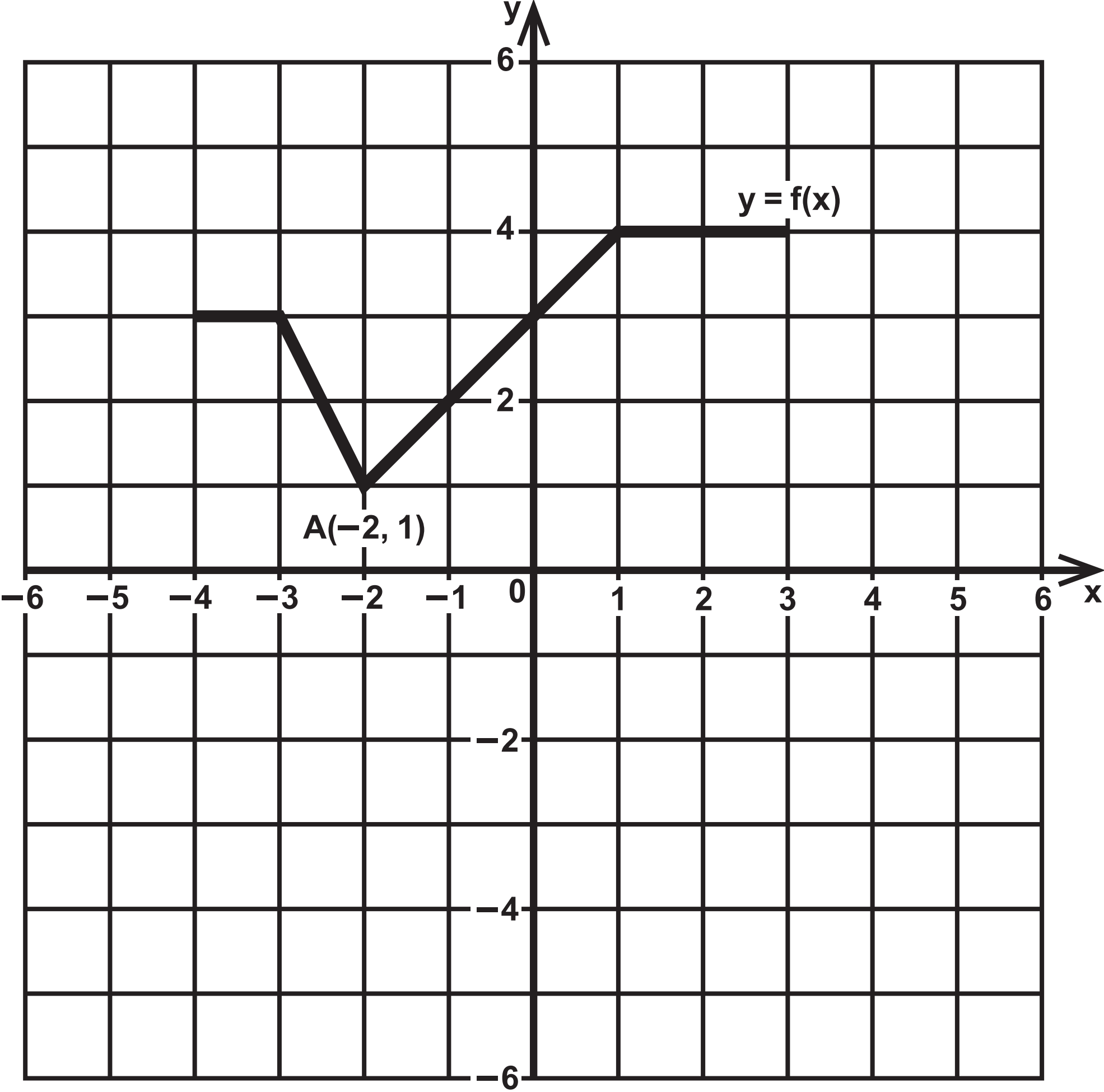
Question 17



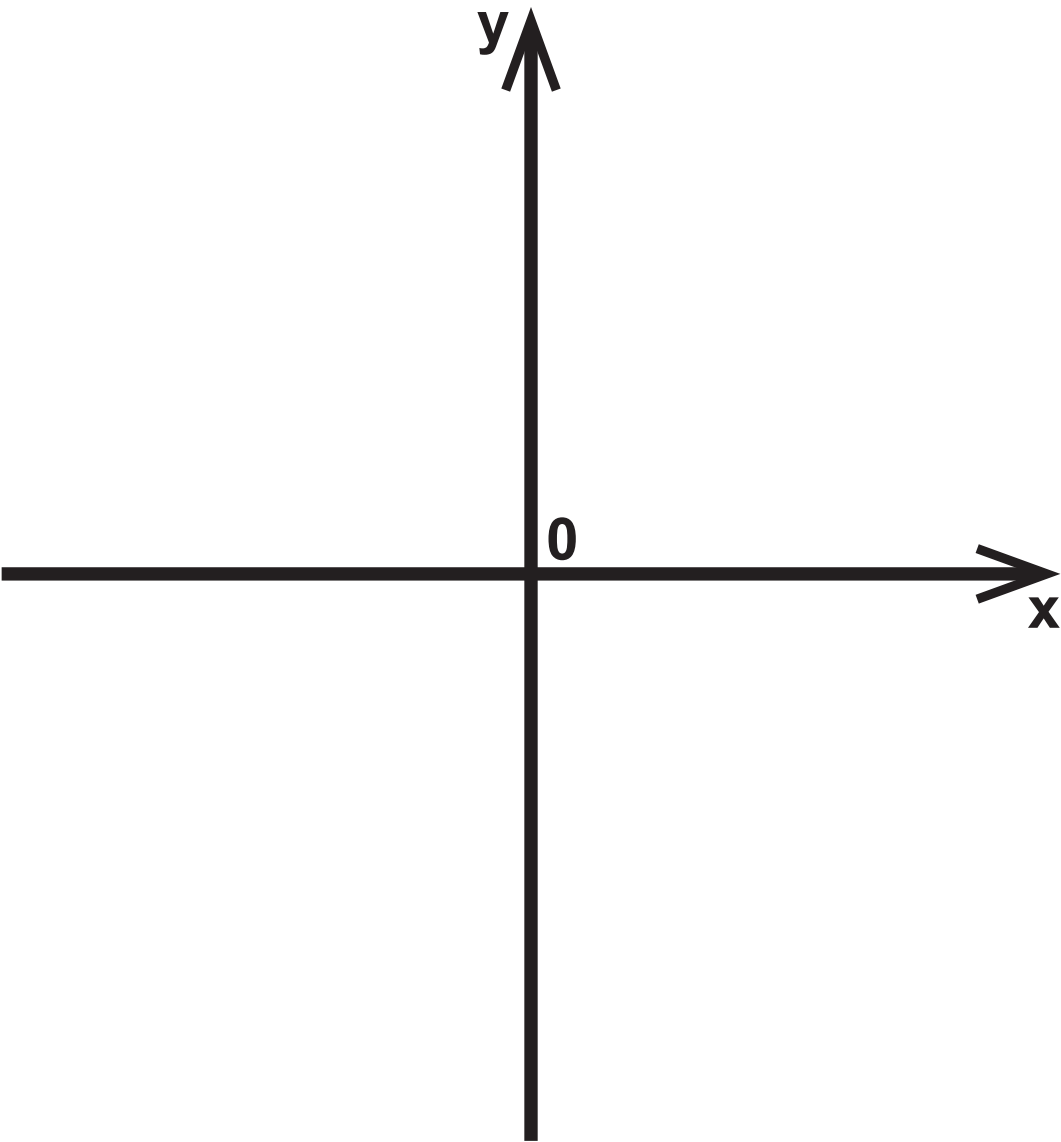
Question 20



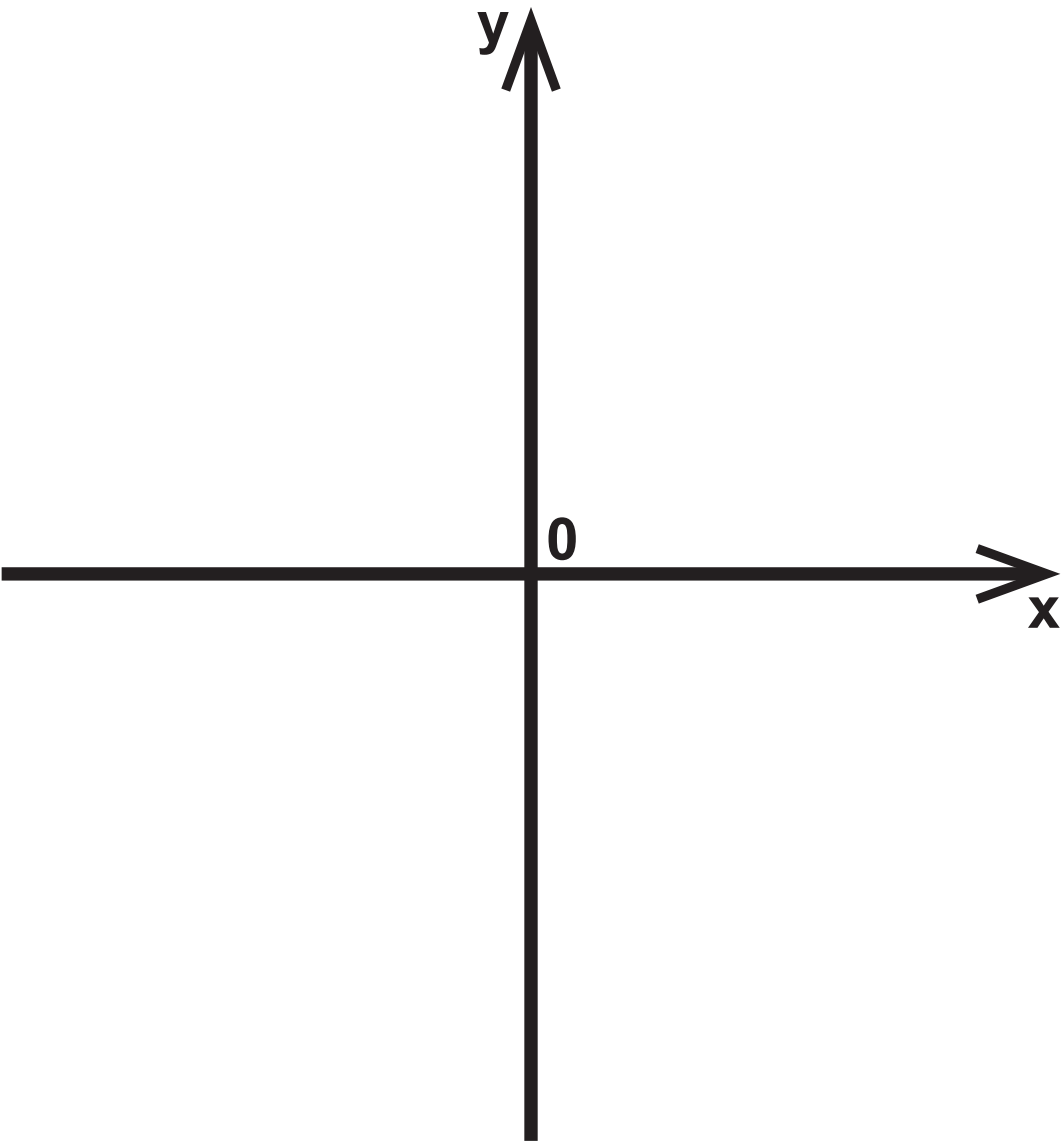
Question 20



Question 21



Question 21



Question 22

