

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

Mathematics
Paper 1
(Non-Calculator)
Foundation 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 6

Key:

represents 8 pictures

January	<div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div>
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March	<div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div></div></div>
April	

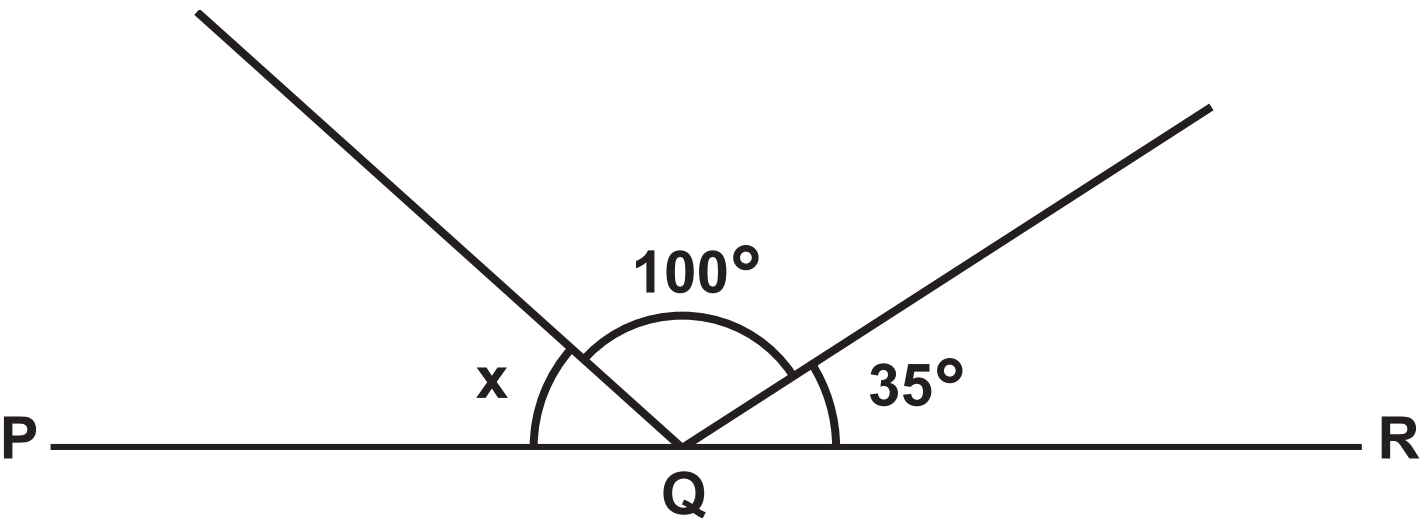
Question 6

Key:

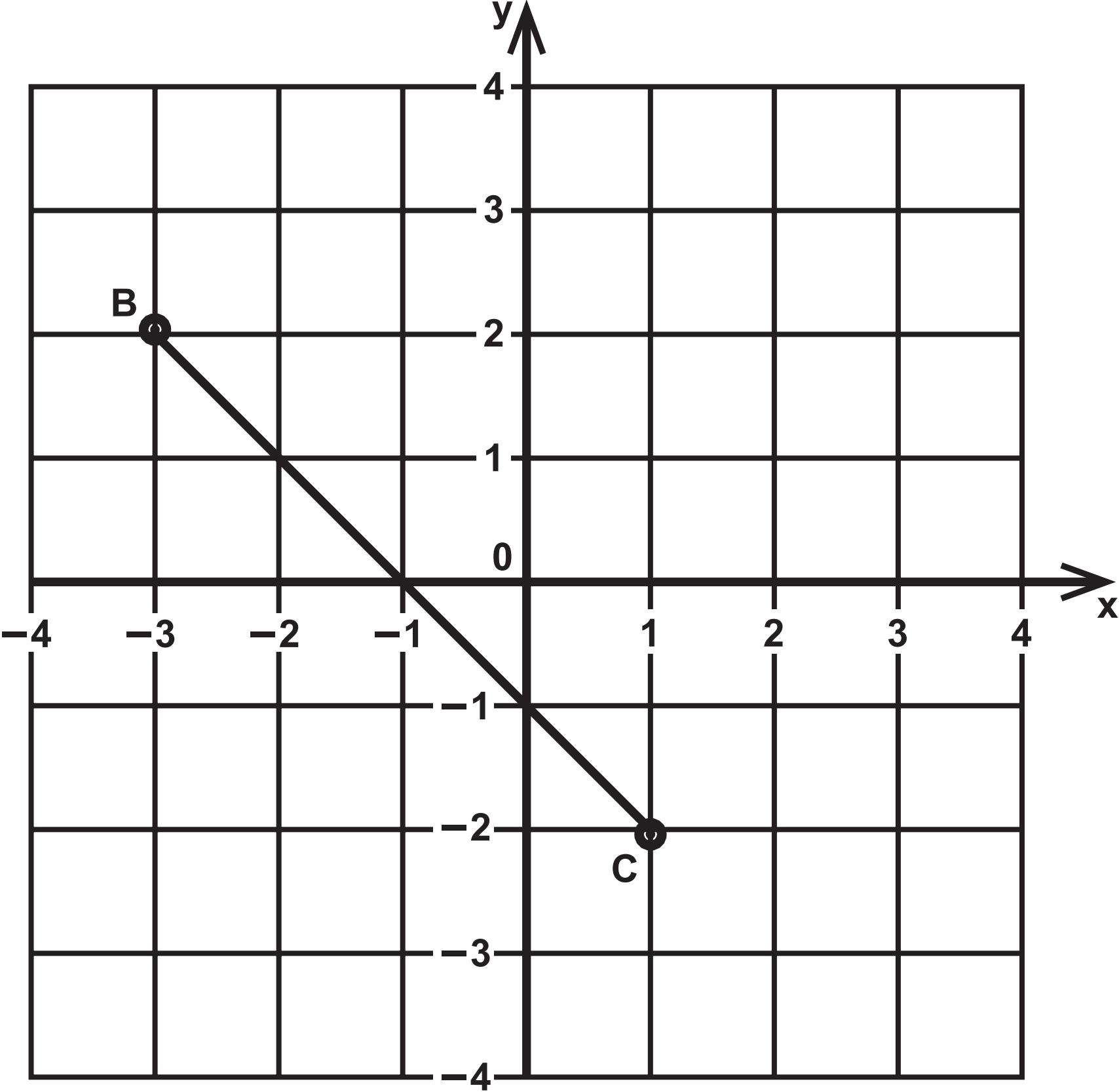
represents 8 pictures

January	<div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div></div>
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April	

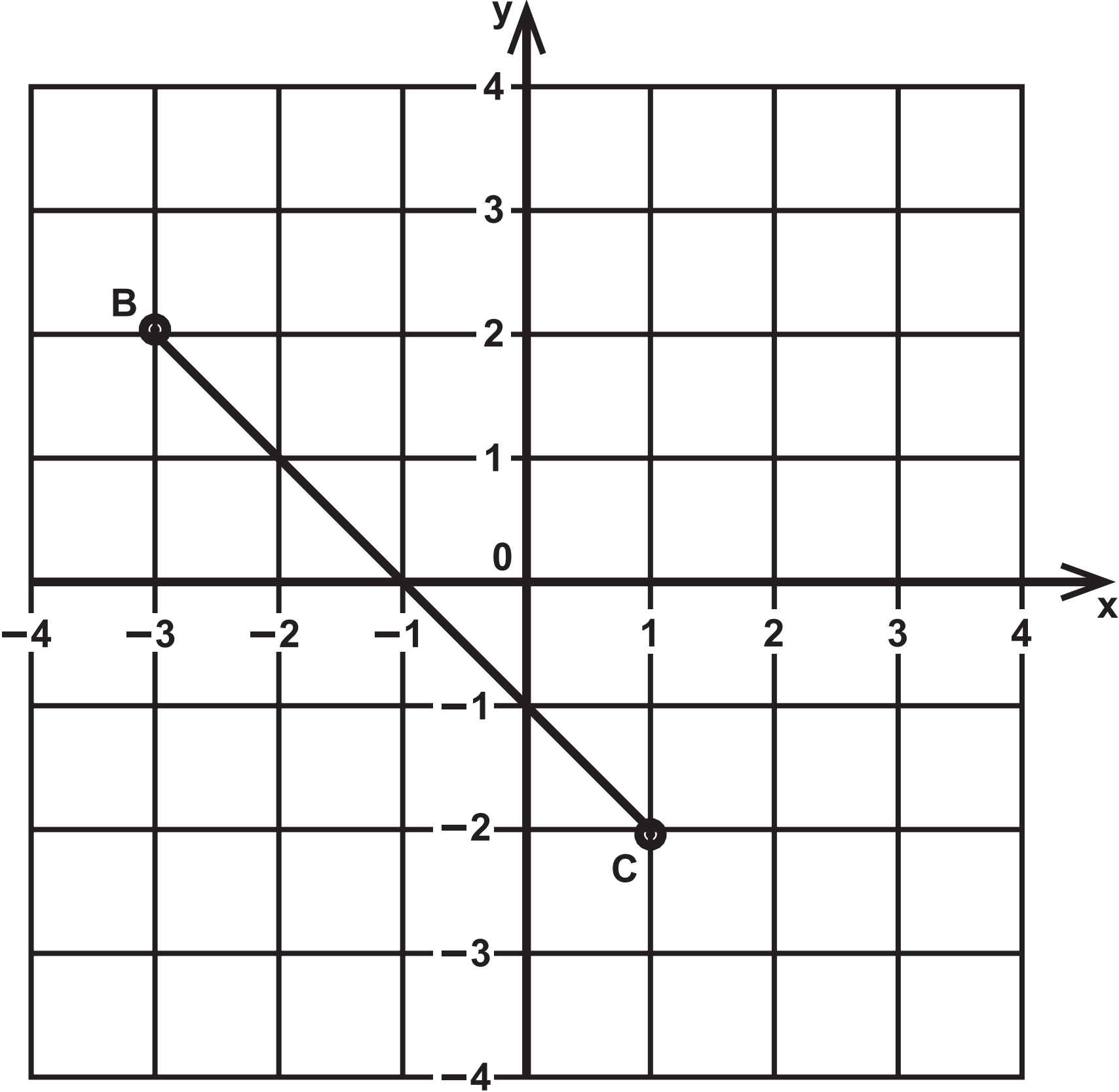
Question 9



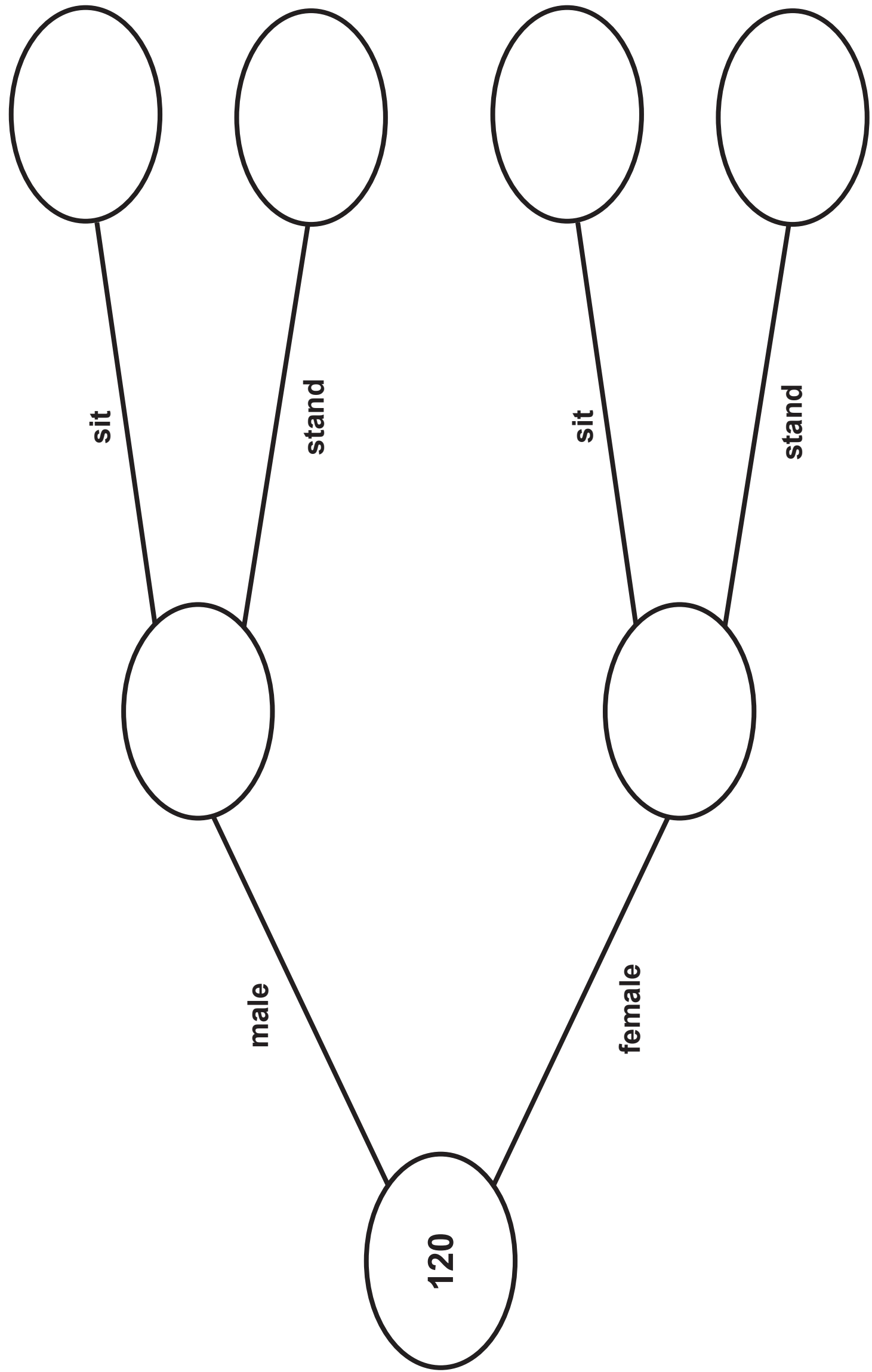
Question 10



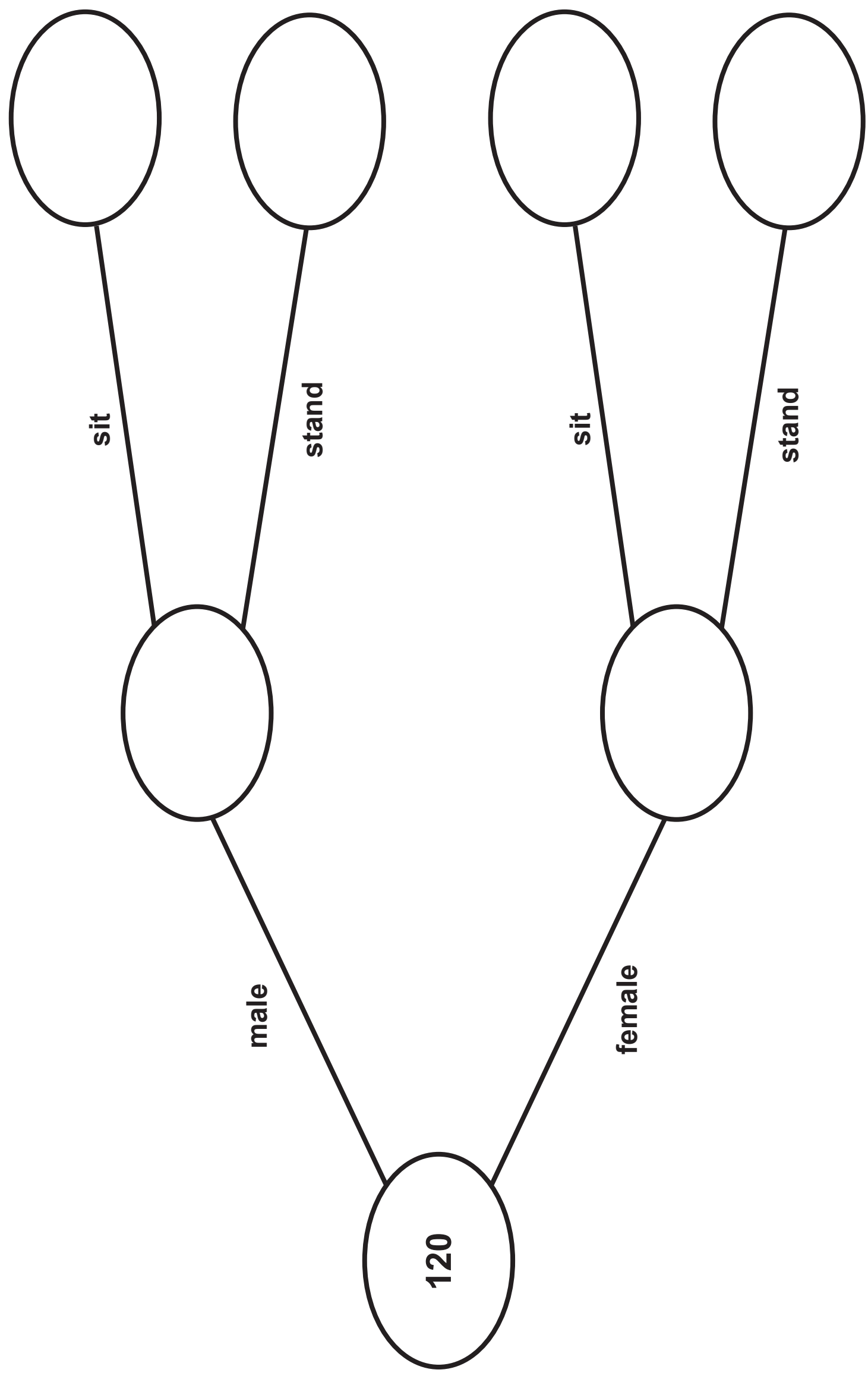
Question 10



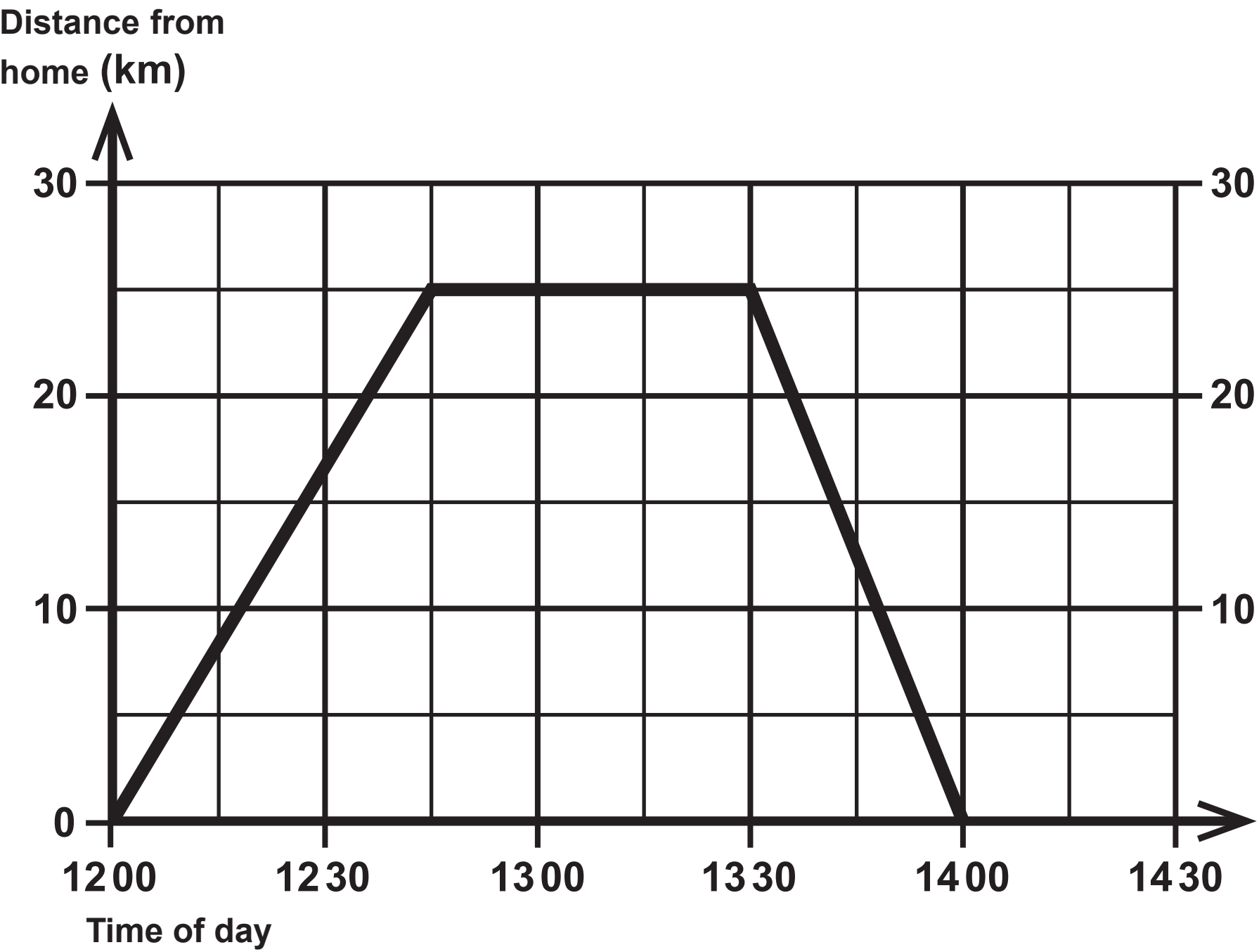
Question 15



Question 15

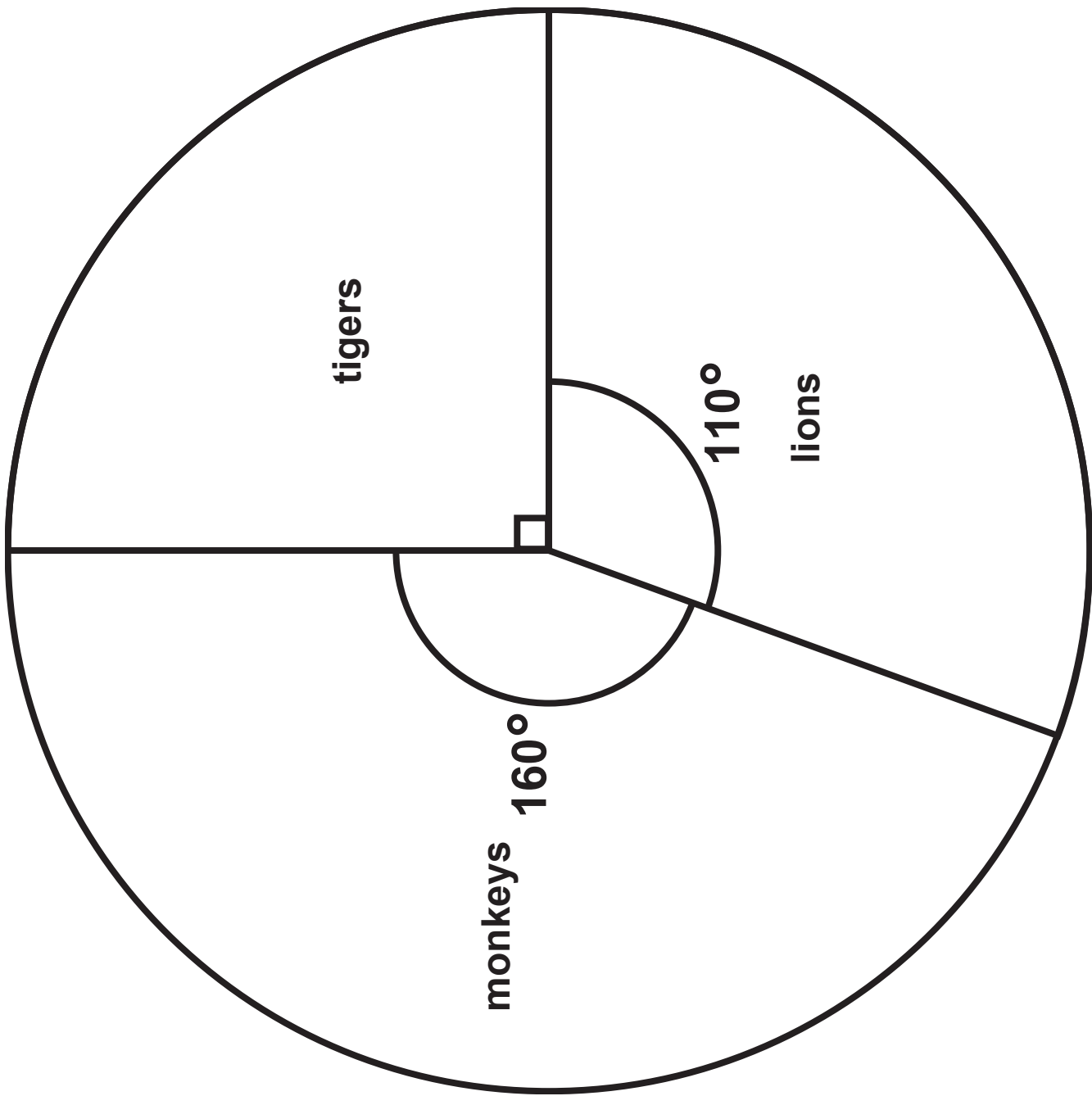


Question 16



Question 18

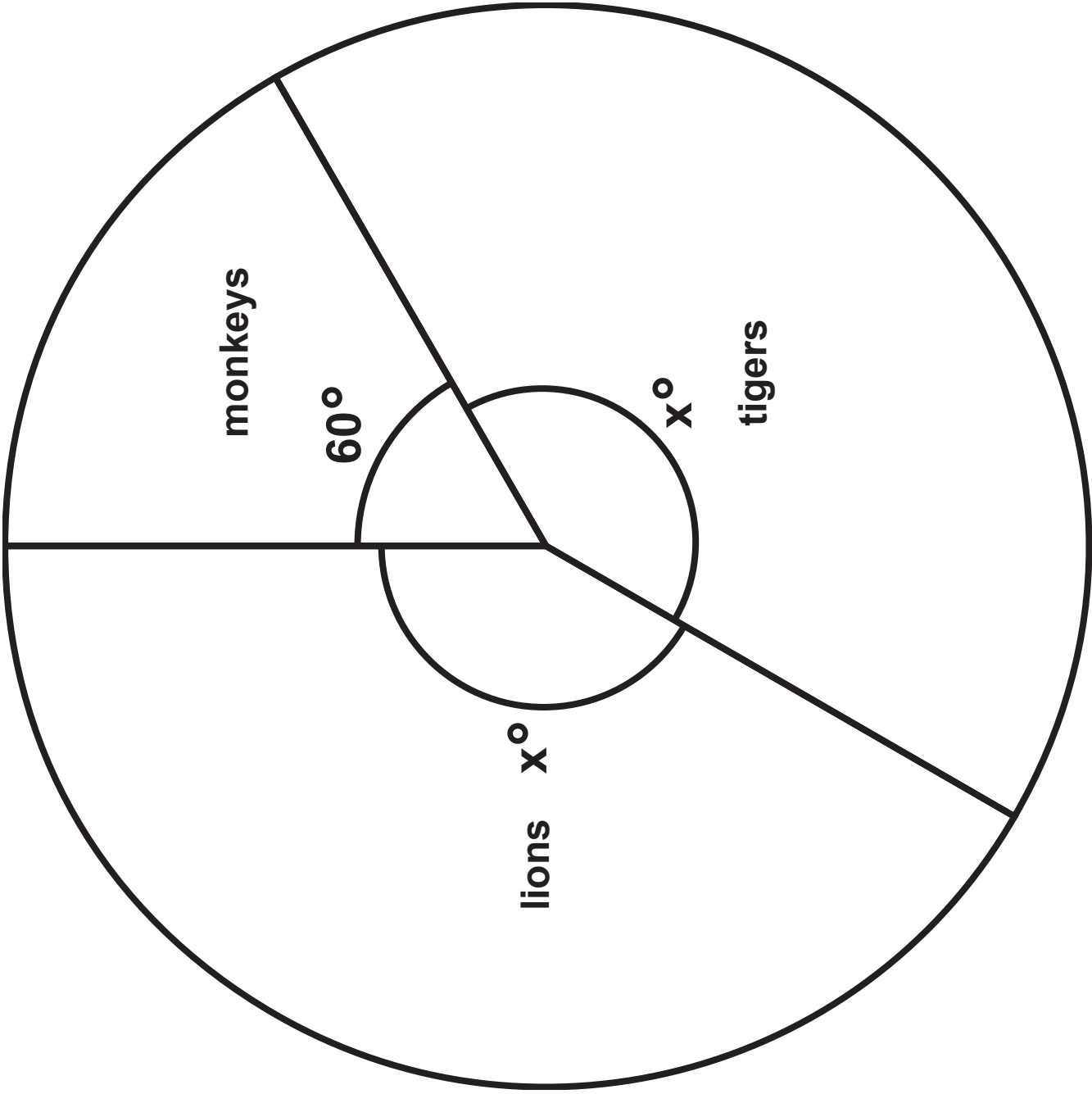
School B



There are 760 students at School B

In the School B pie chart, 90° represents tigers, 110° represents lions and 160° represents monkeys.

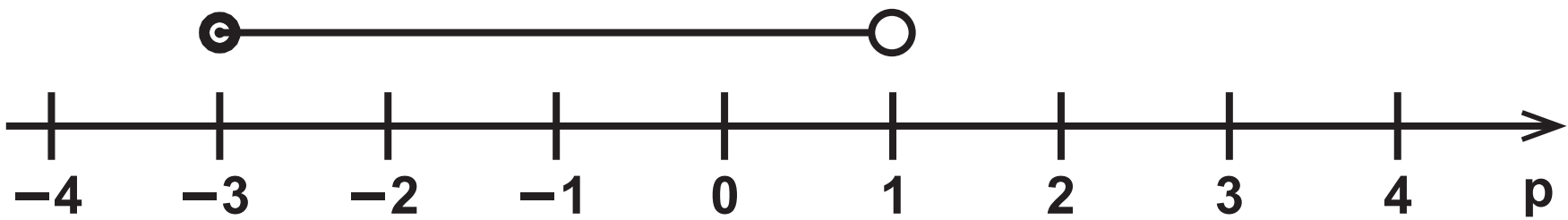
School A



There are 480 students at School A

In the School A pie chart, 60° represents monkeys, x° represents tigers and x° represents lions.

Question 19



Question 21

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

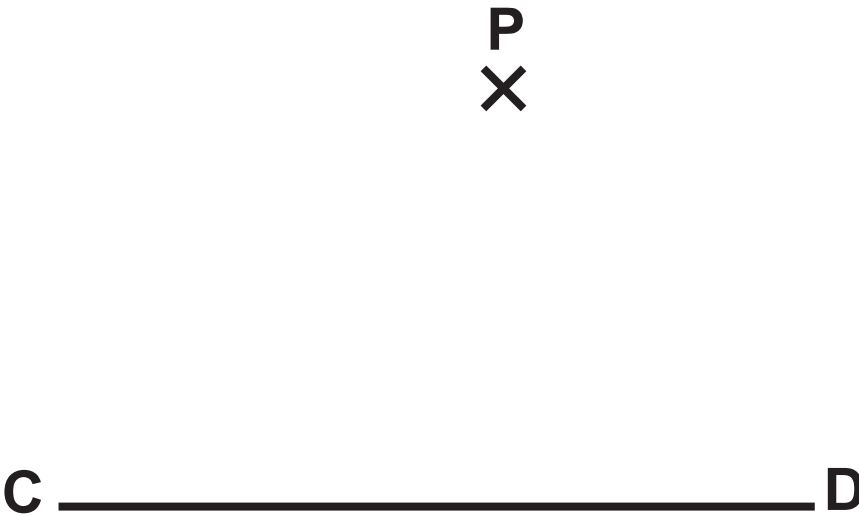
Half of the people in the choir are women.

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

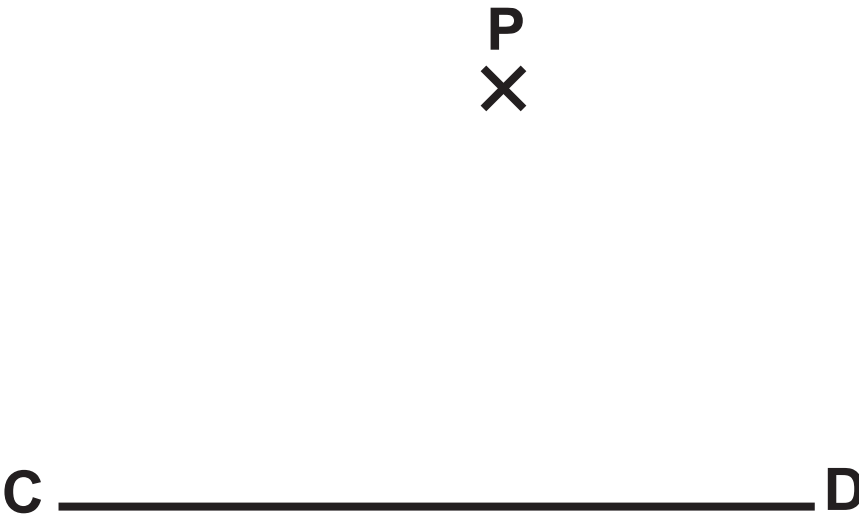
The rest of the people in the choir are children.

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

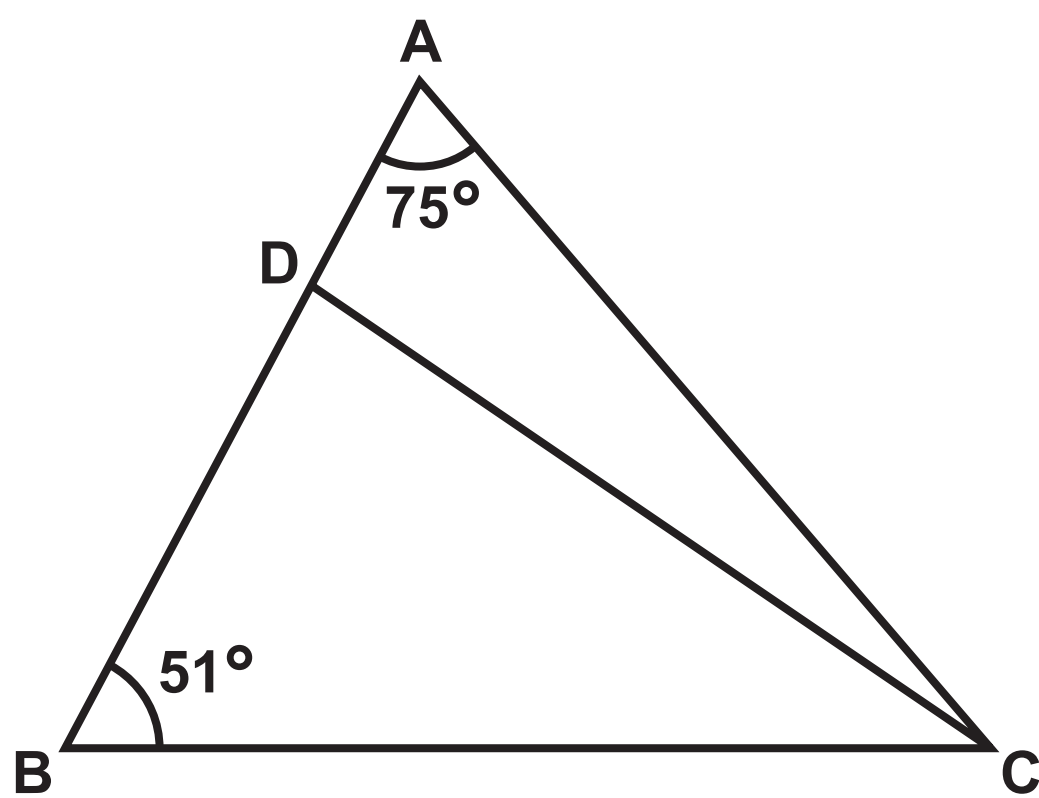
Question 23



Question 23



Question 24



Question 25

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 27

Scale: 1 cm represents 2 km

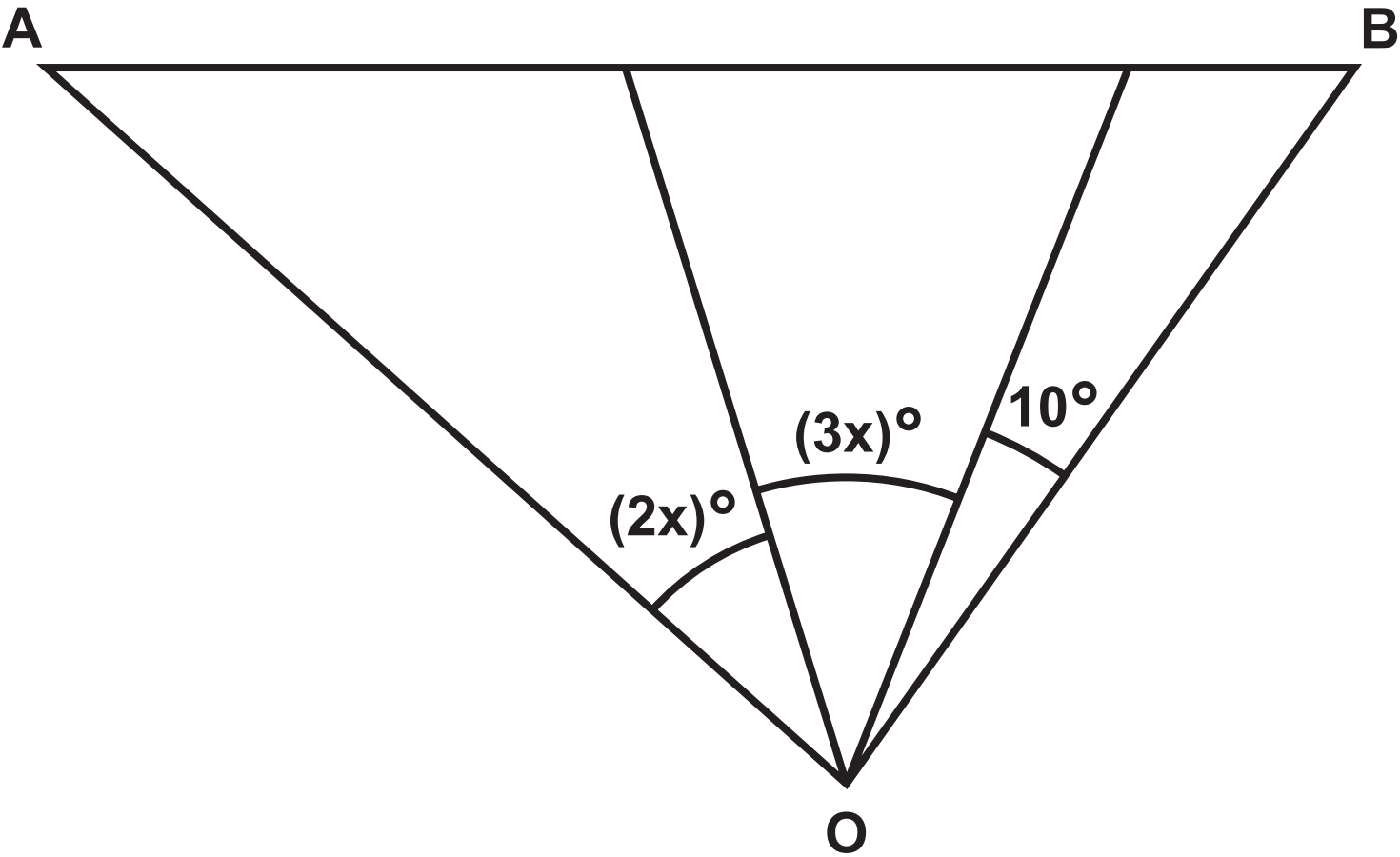


Question 27

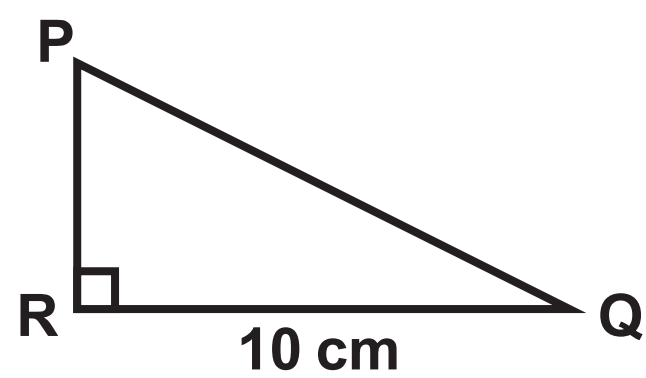
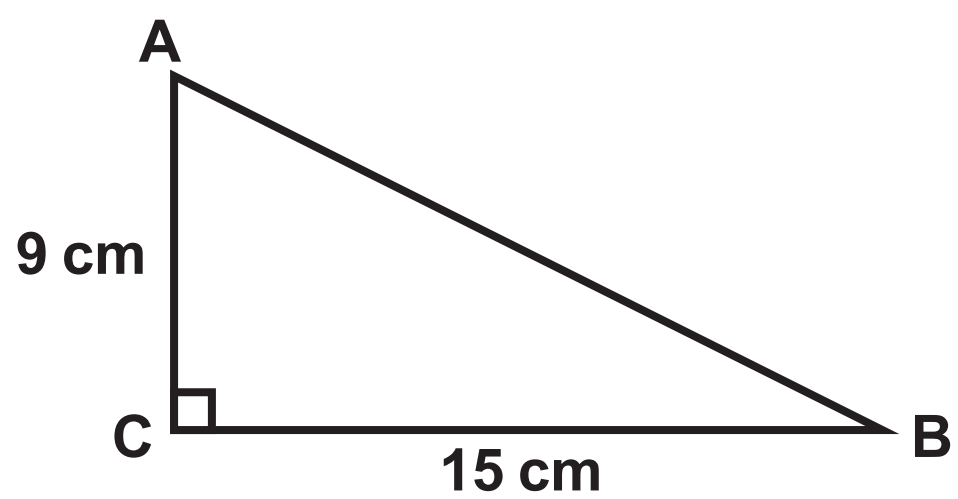
Scale: 1 cm represents 2 km



Question 28



Question 29(a)



Question 29(b)

