

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

Mathematics
PAPER 2 (Calculator)
Higher Tier

Diagram Booklet

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.

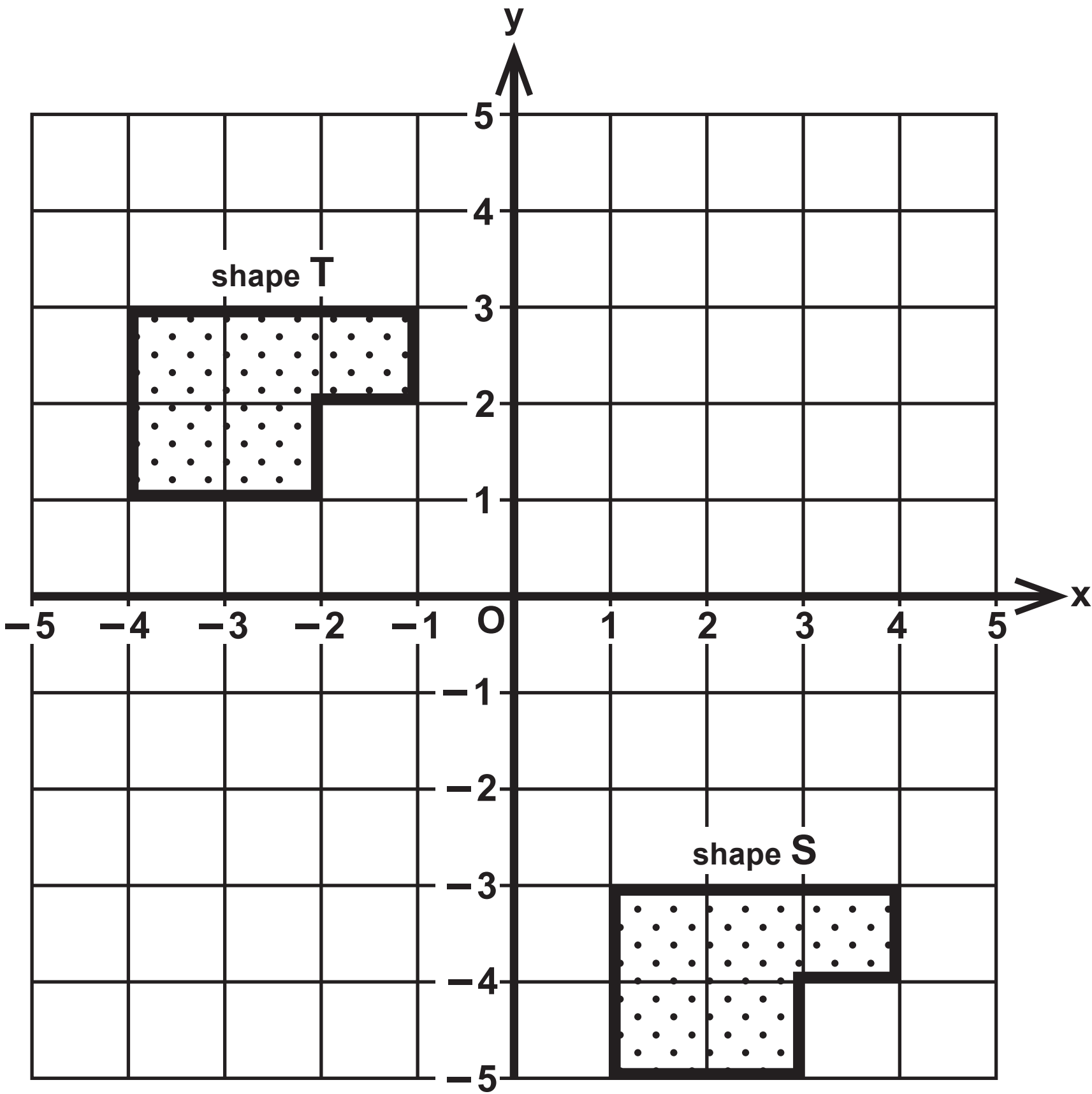
**THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE
QUESTION PAPER AT THE END OF THE EXAMINATION.**

Contents

Page

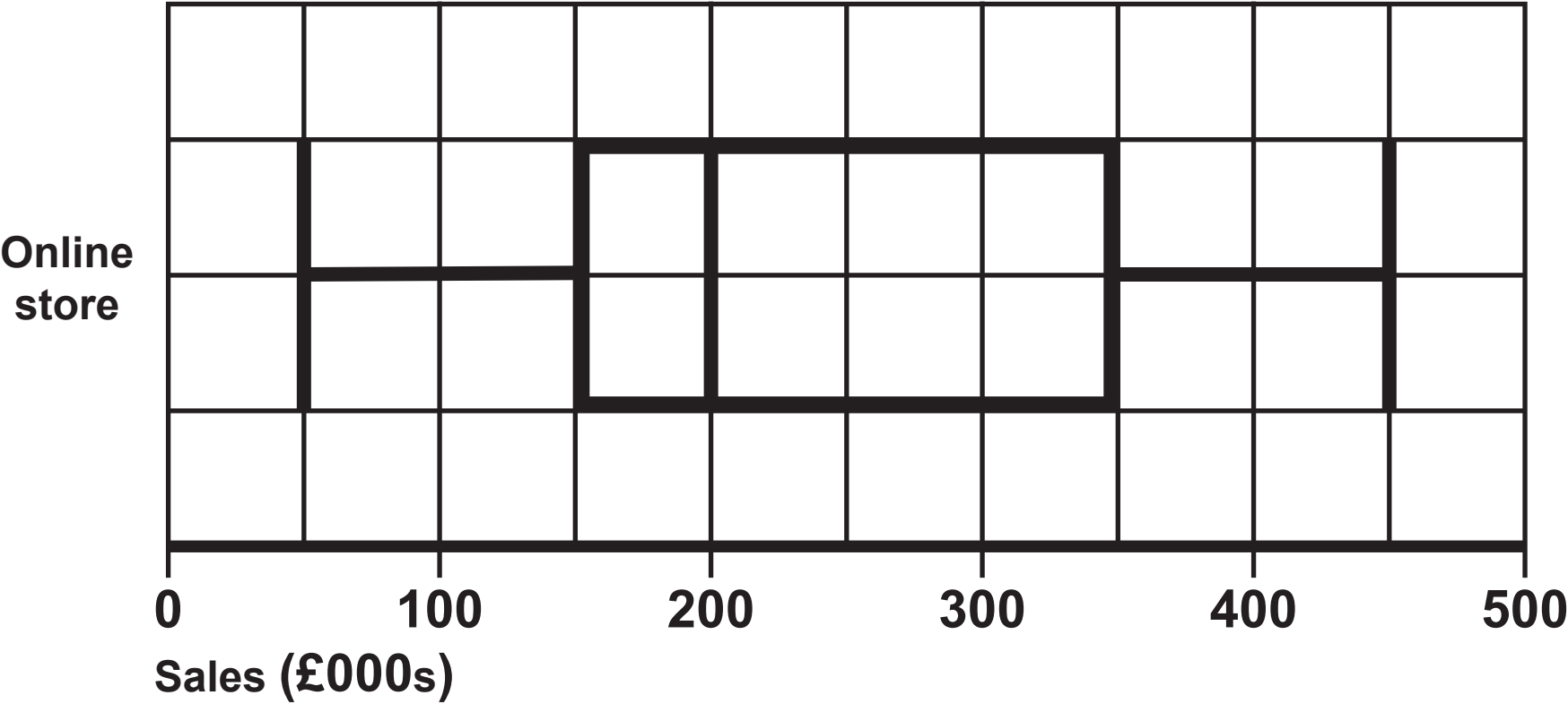
4	Question 2
5	Question 10(a) and Question 10(b)
6	Question 10(a) and Question 10(b) (Spare copy)
7	Question 13
8	Question 16
9	Question 16 (Spare copy)
10	Question 17 – Diagrams
11	Question 17 – Formulas
12	Question 18
13	Question 20
14	Question 21(a)
15	Question 21(a) (Spare copy)
16	Question 21(b)

Question 2

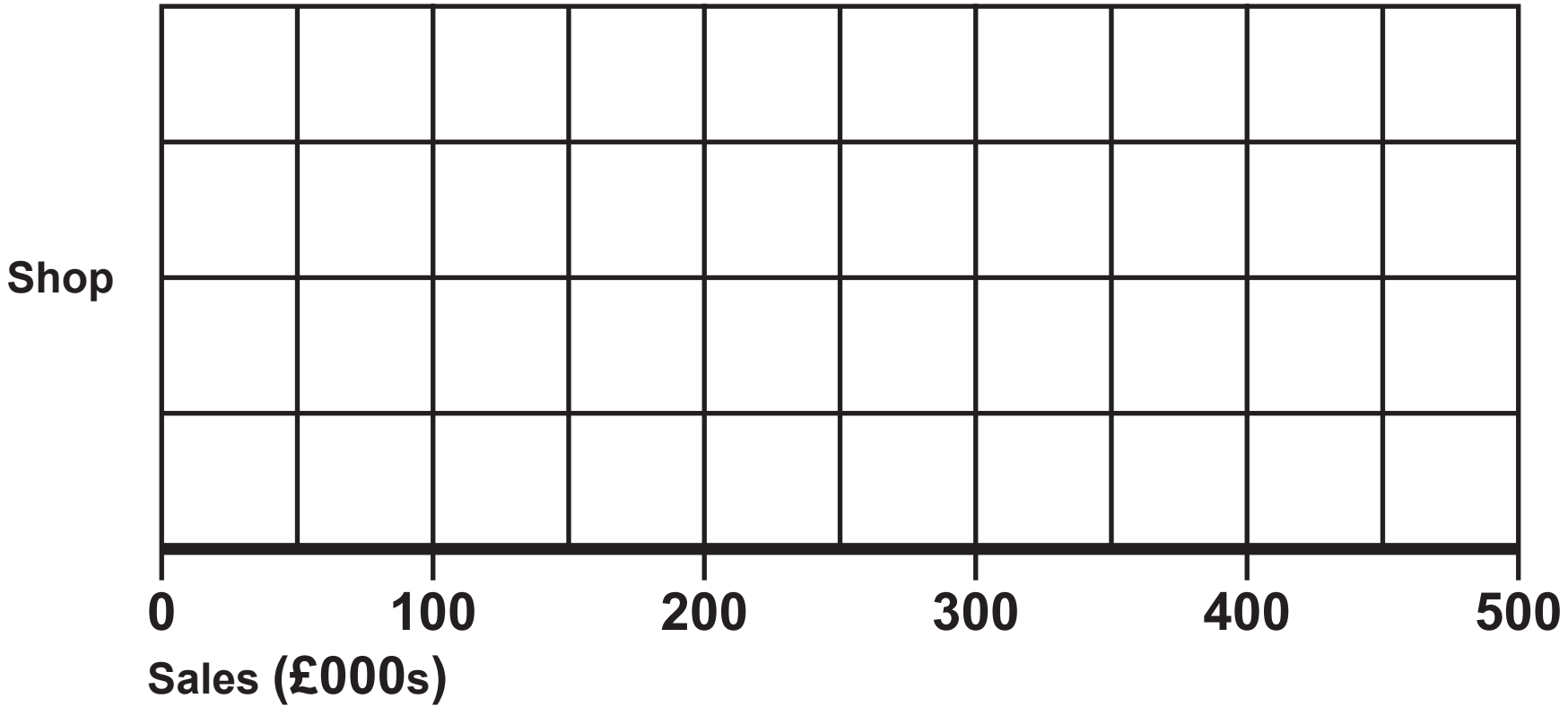


Question 10(a) and Question 10(b)

Question 10(a)

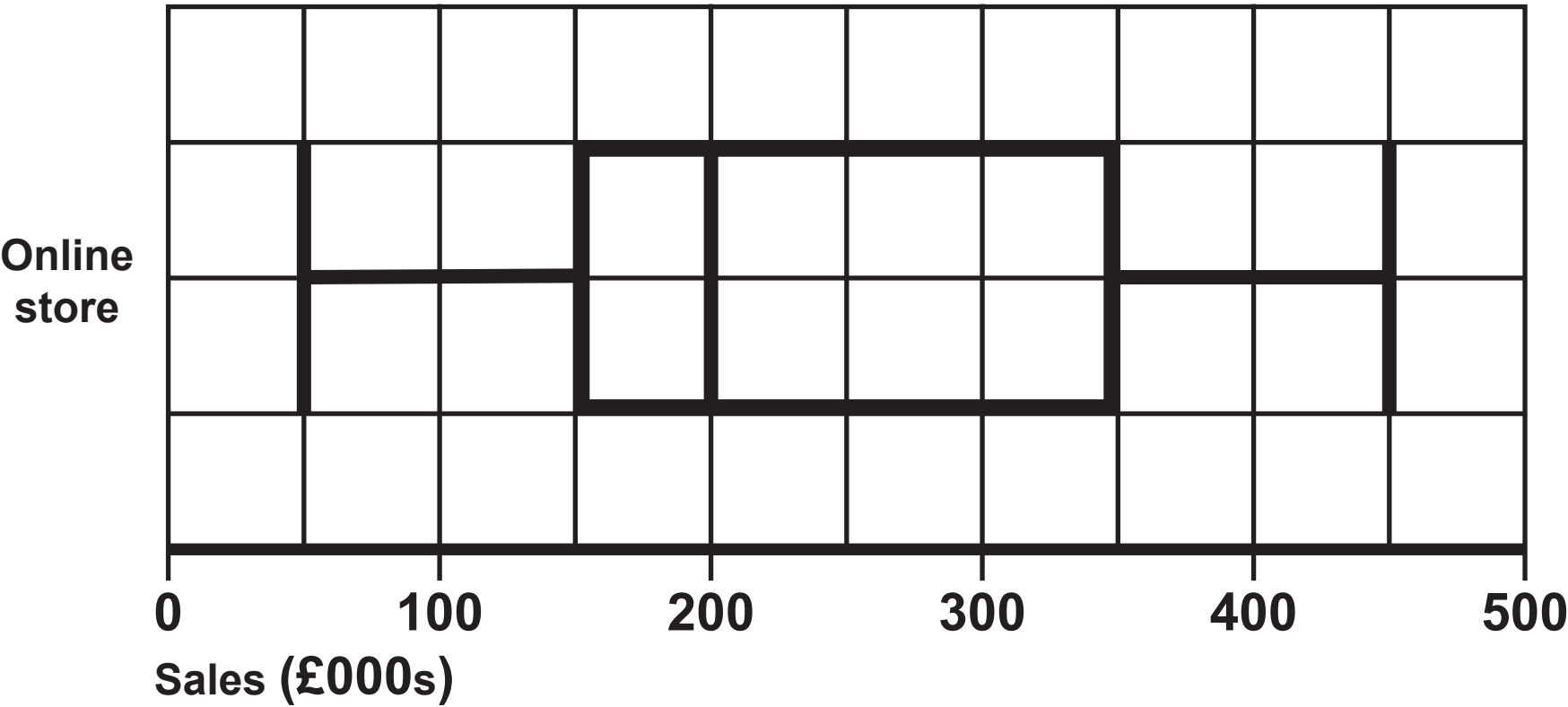


Question 10(b)

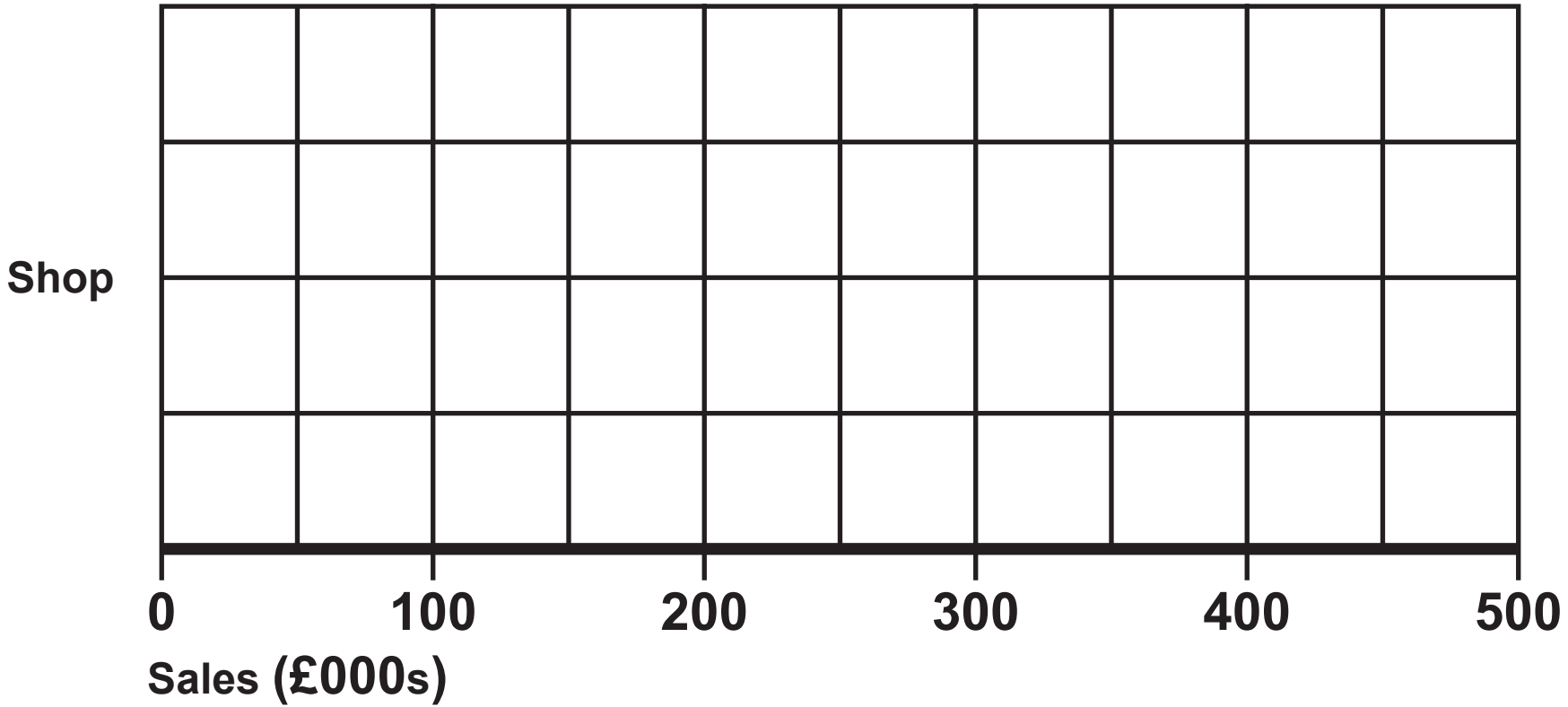


Question 10(a) and Question 10(b)

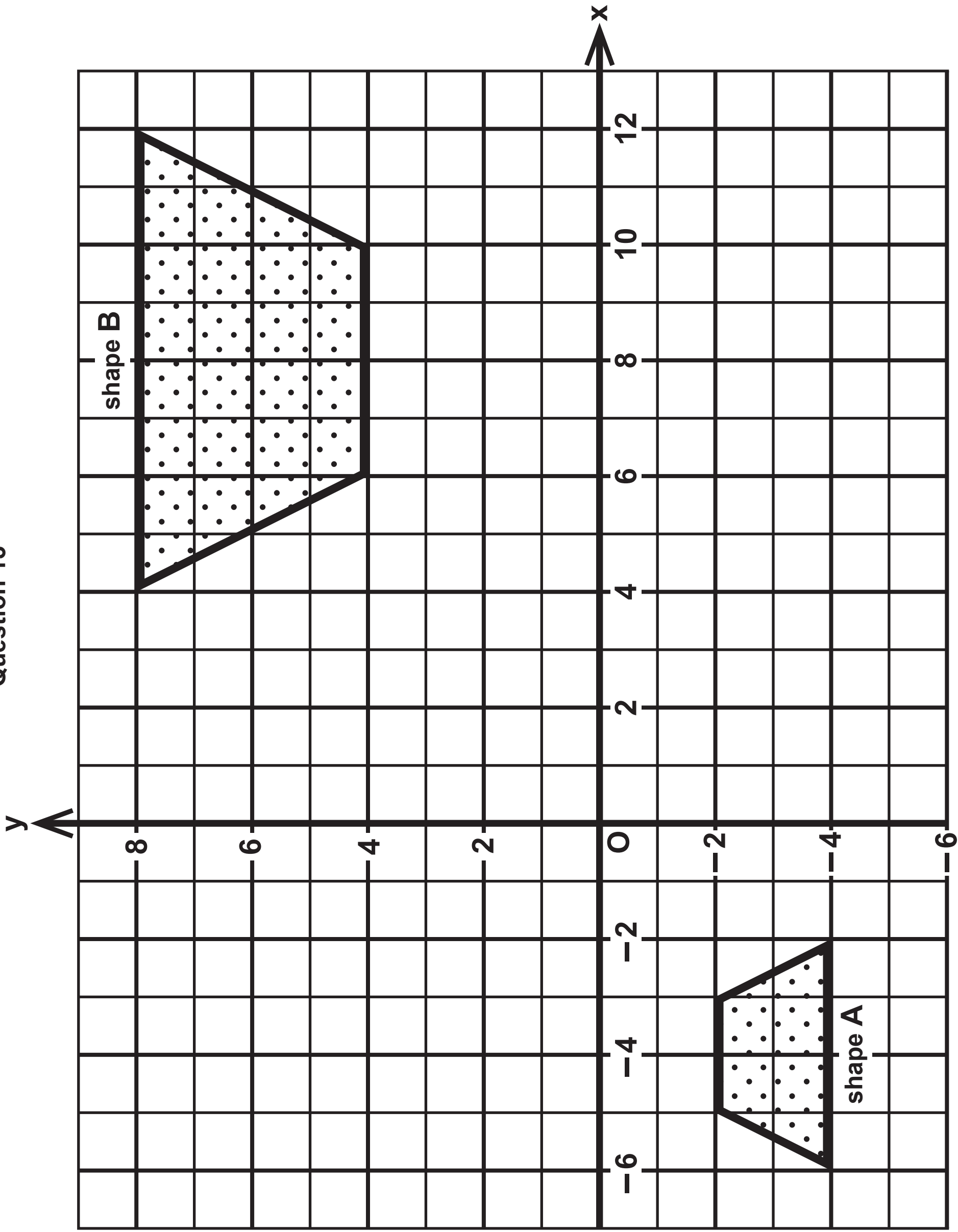
Question 10(a)



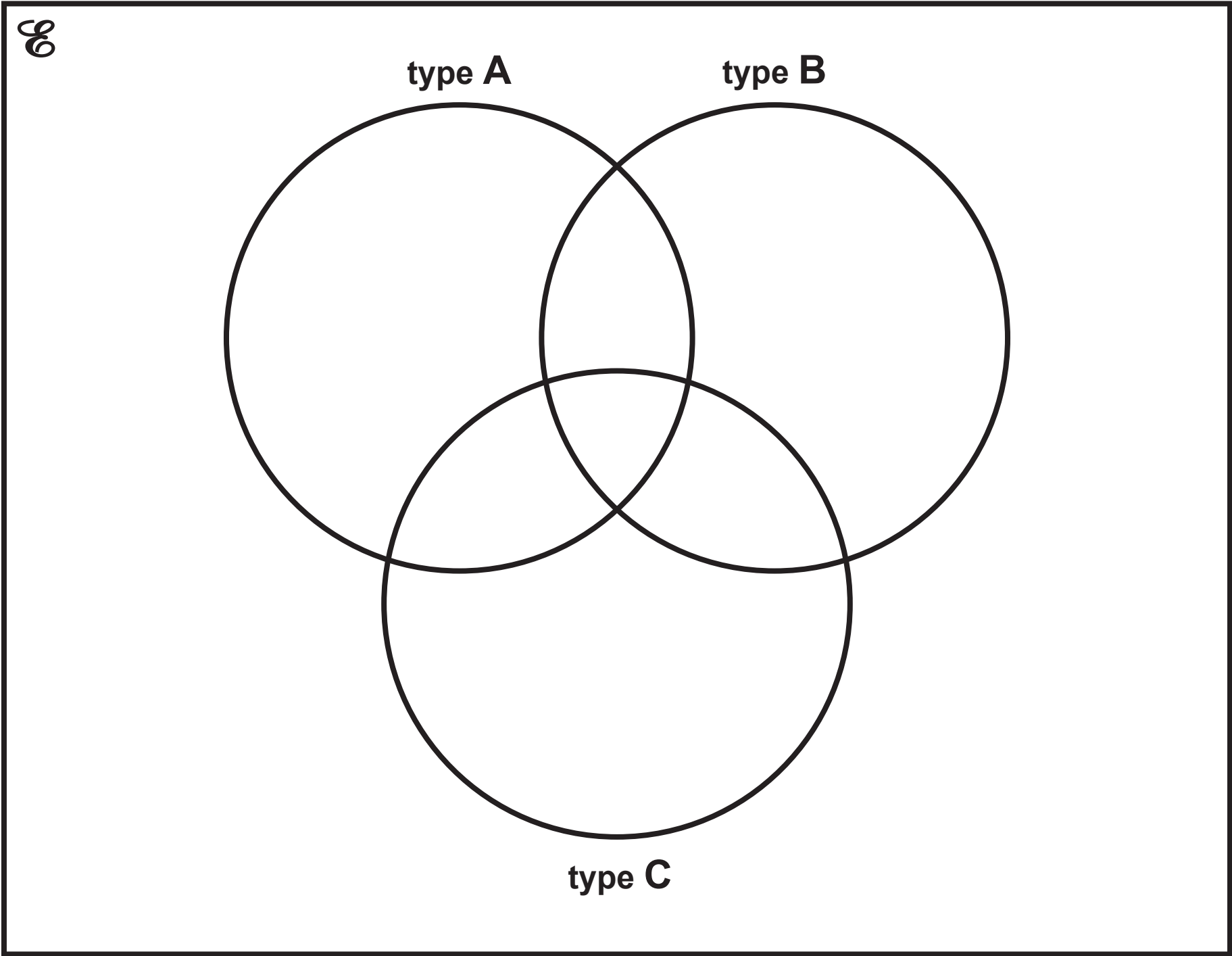
Question 10(b)



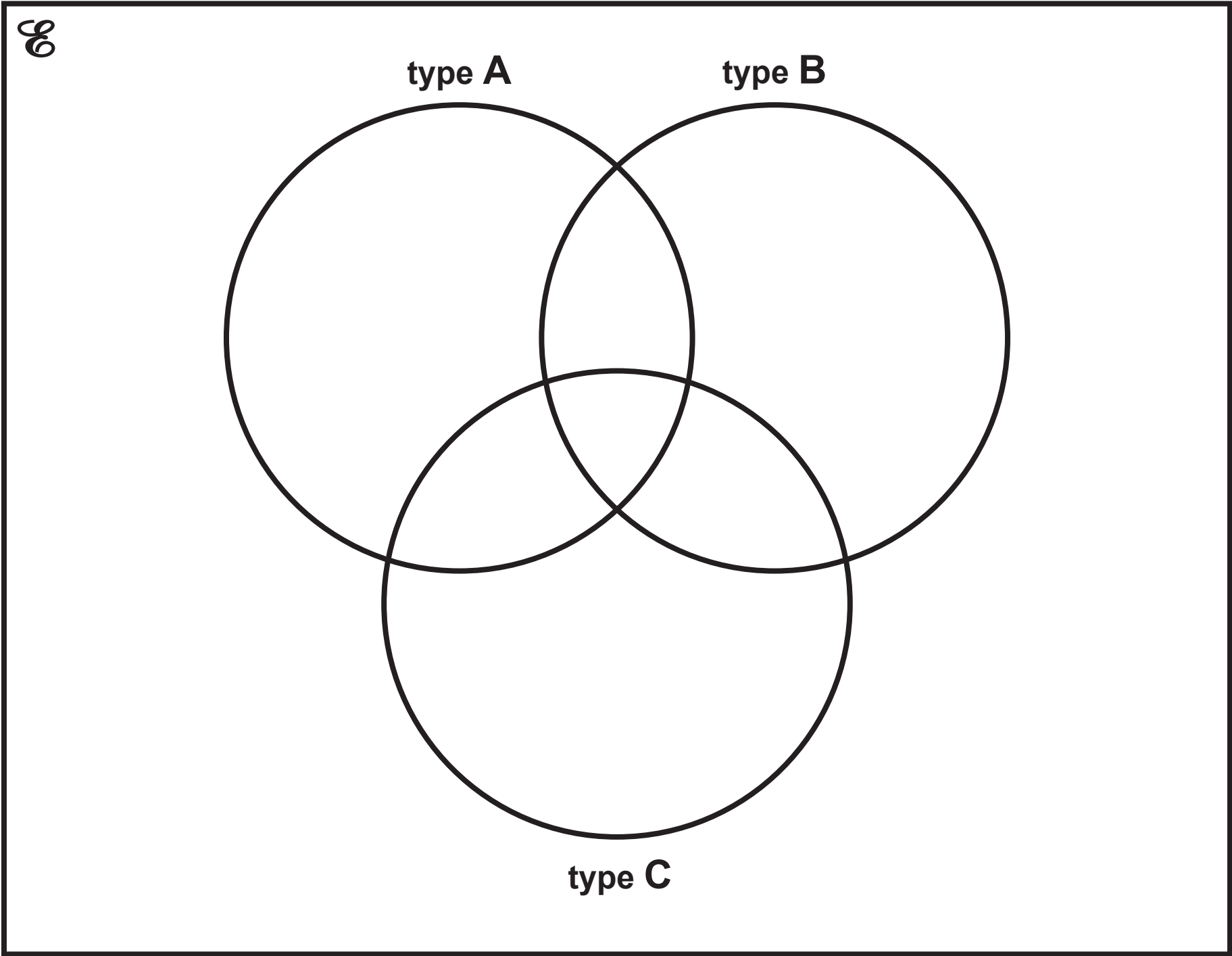
Question 13



Question 16



Question 16



Question 17 – Diagrams

Diagram 1

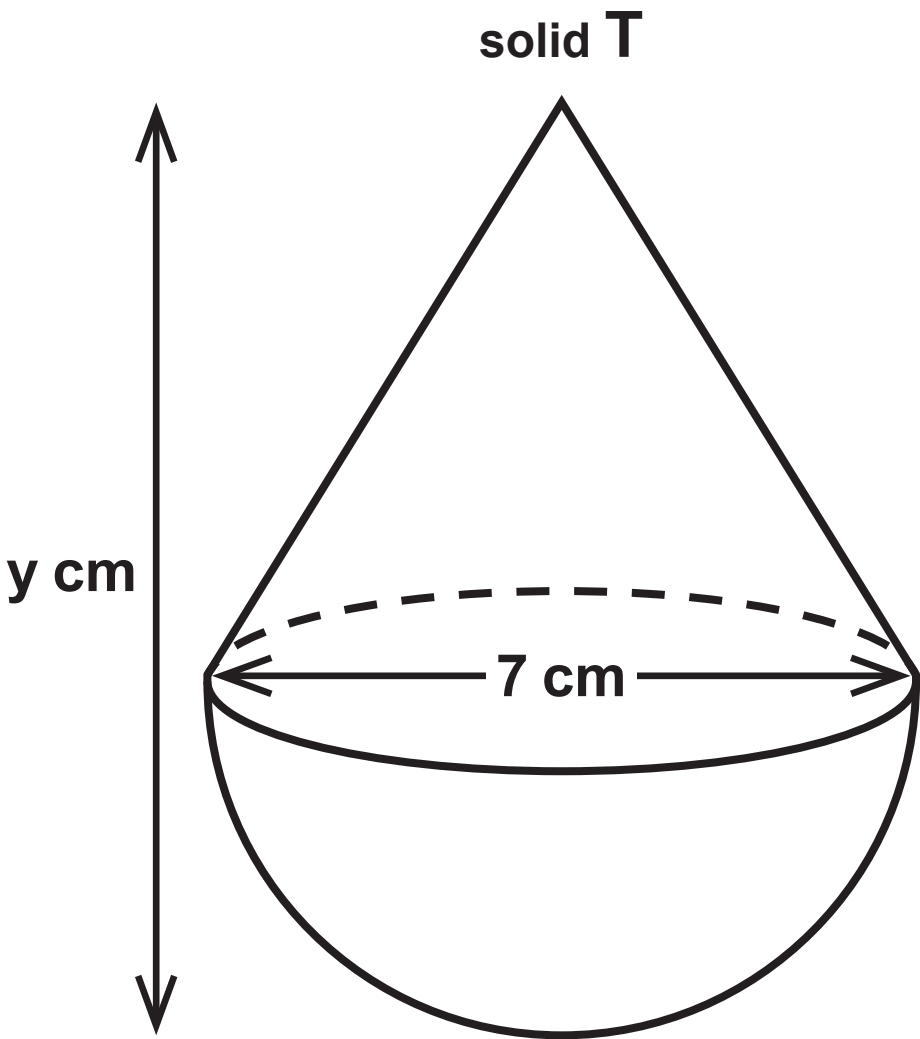
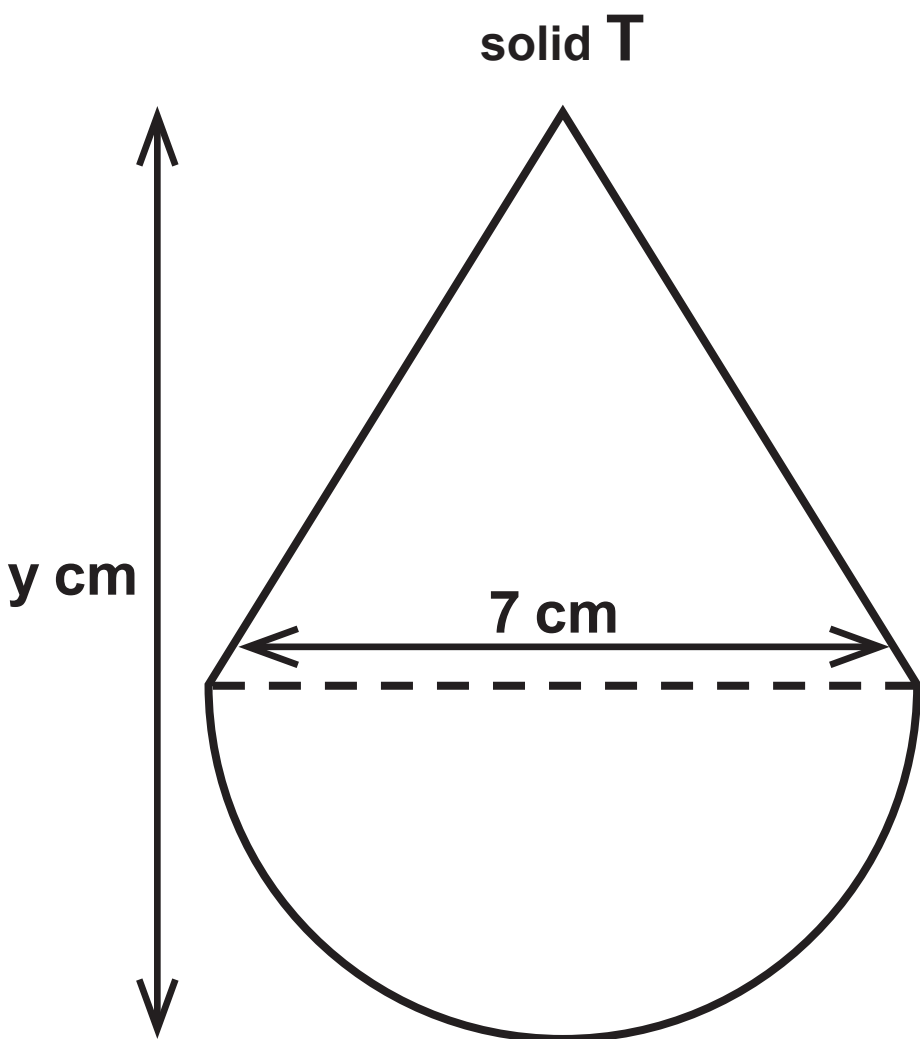
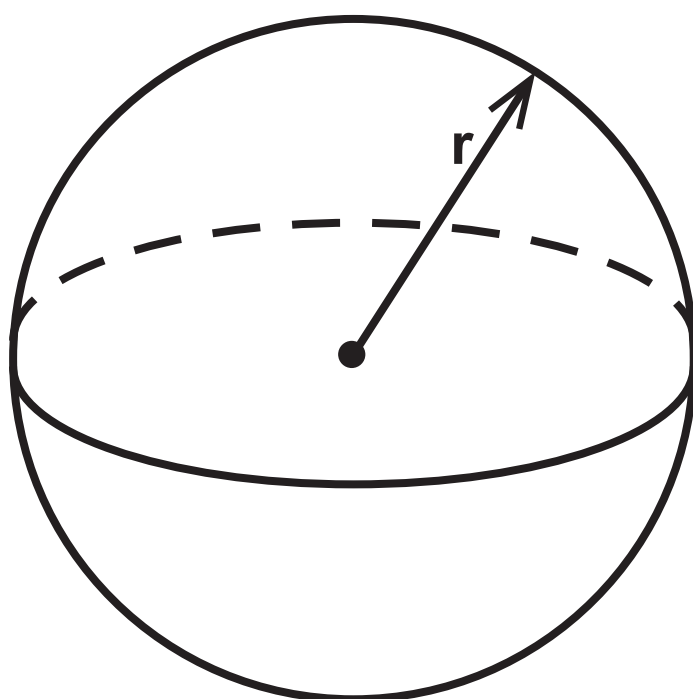


Diagram 2



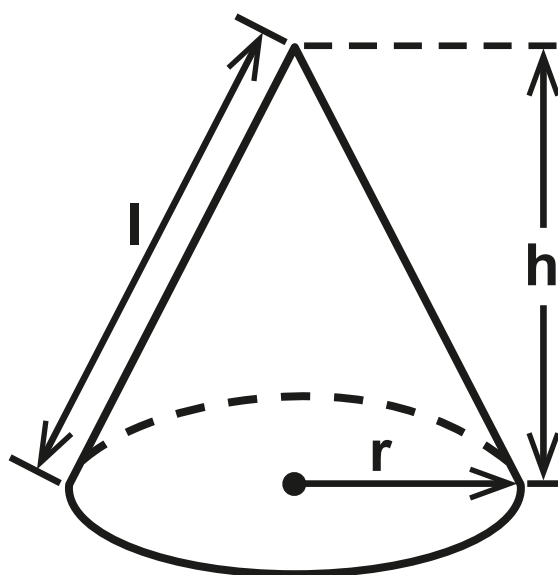
Question 17 – Formulas

Volume of sphere = $\frac{4}{3} \pi r^3$



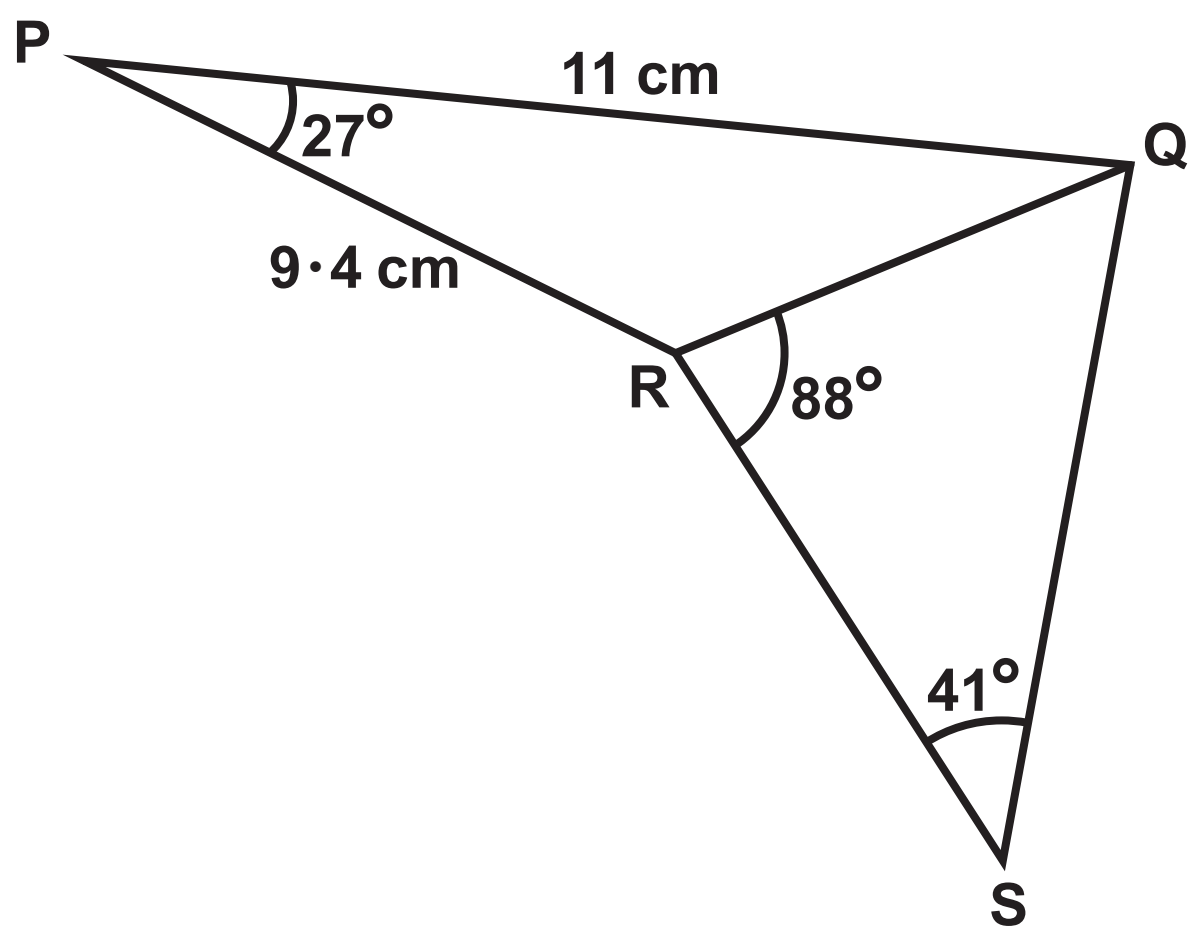
You may be provided with a model.

Volume of cone = $\frac{1}{3} \pi r^2 h$

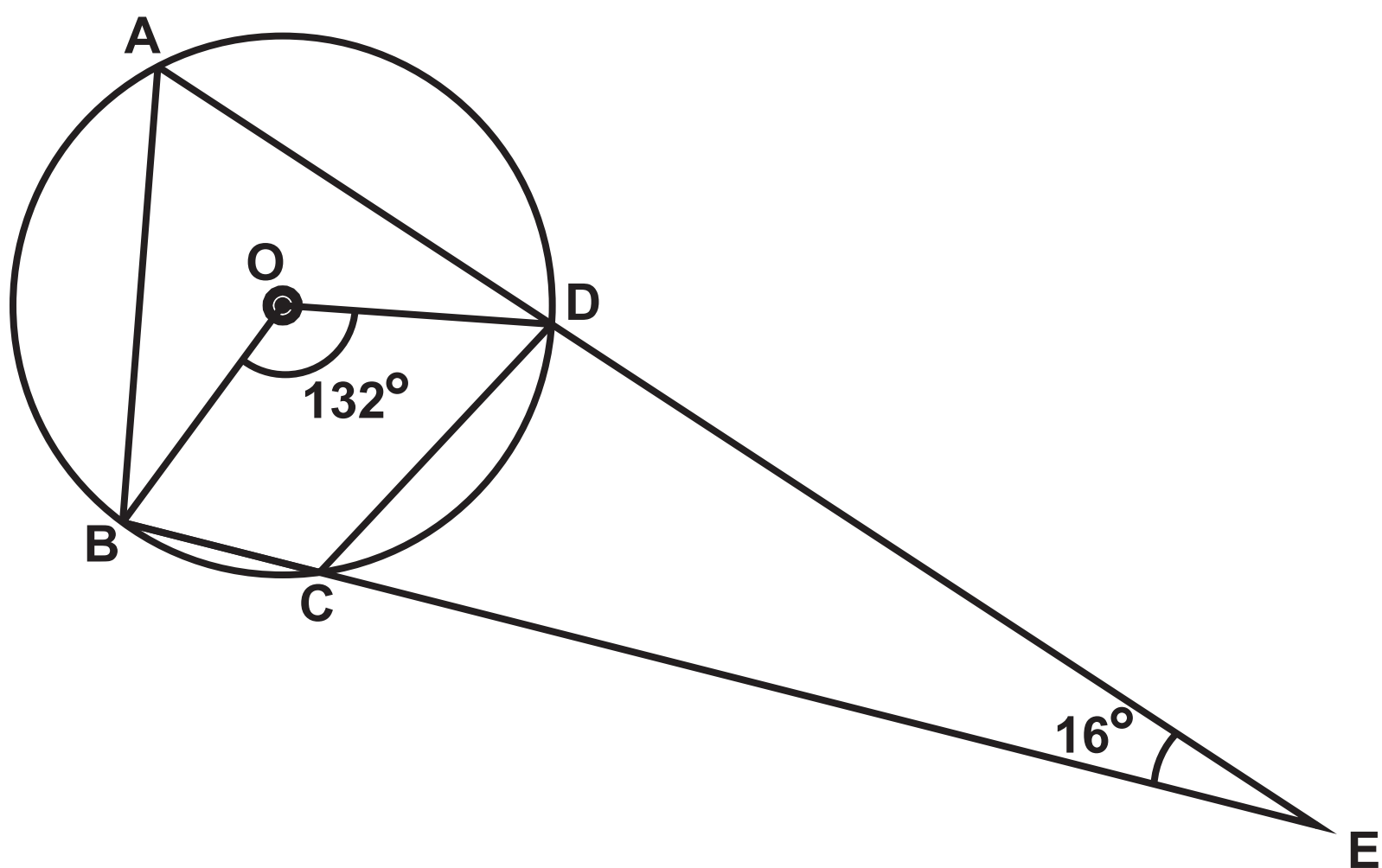


You may be provided with a model.

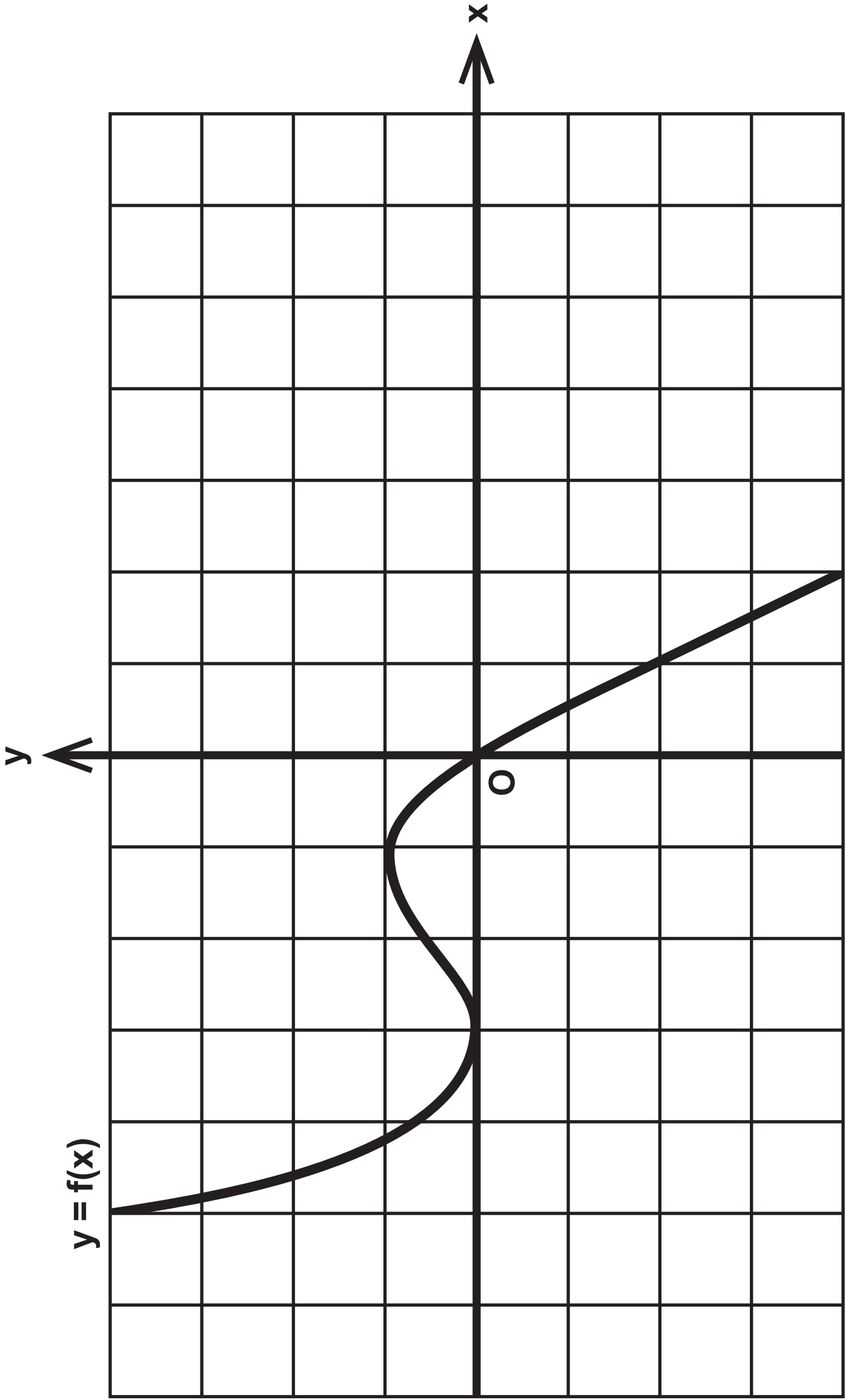
Question 18



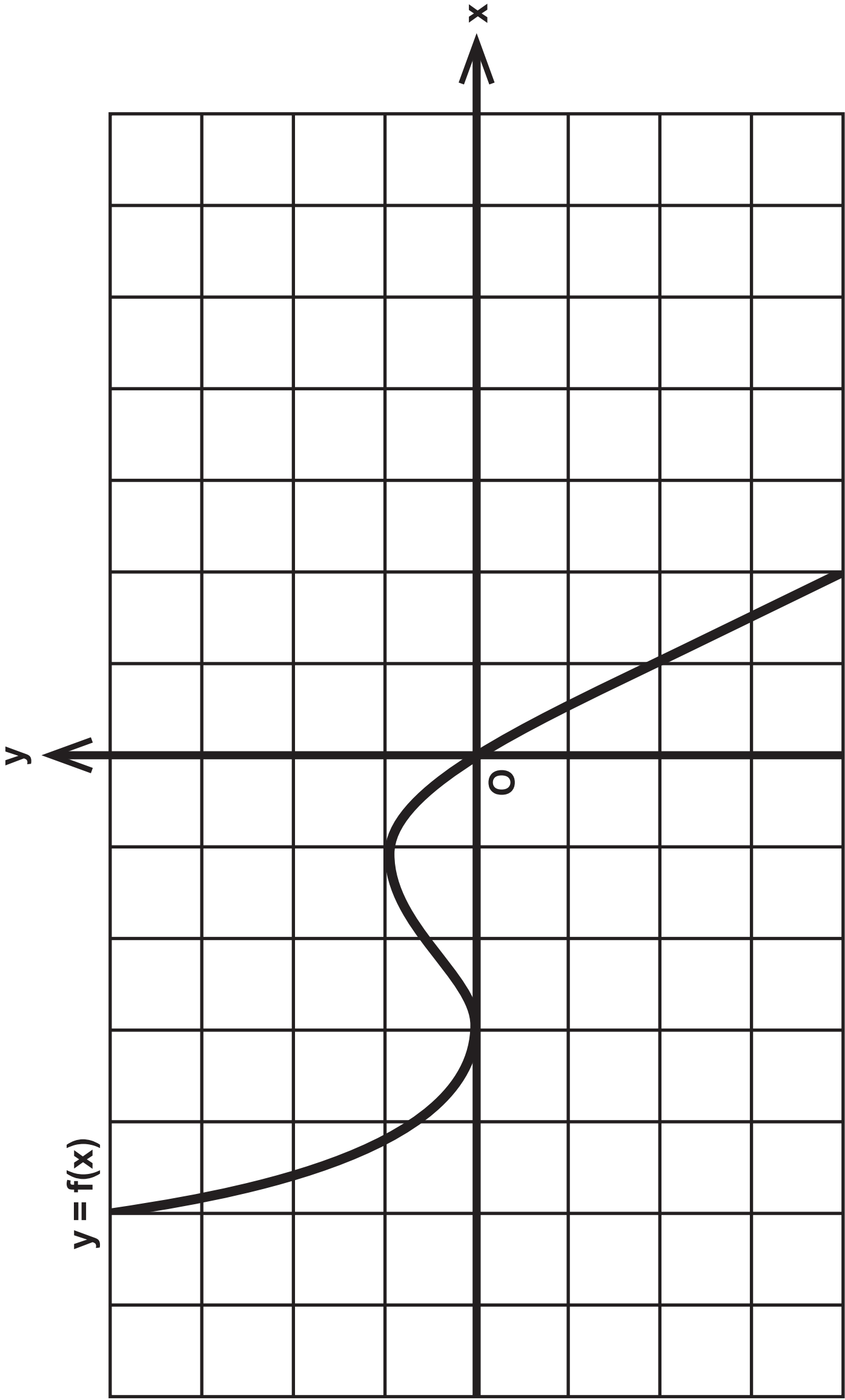
Question 20



Question 21(a)



Question 21(a)



Question 21(b)

