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						

V66303A

Pearson

INSTRUCTIONS

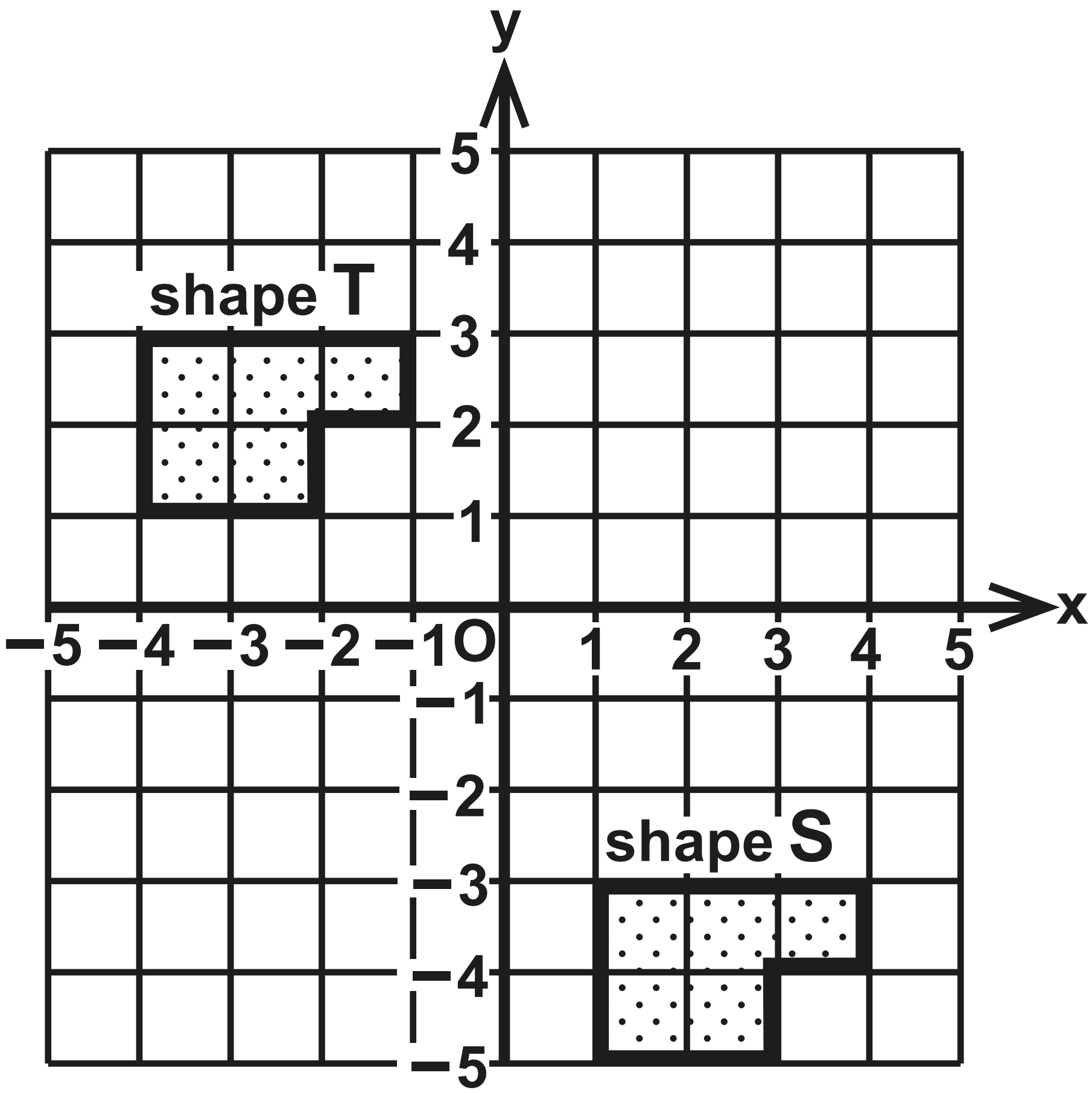
There may be spare copies of some diagrams in case you need them.

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

Contents

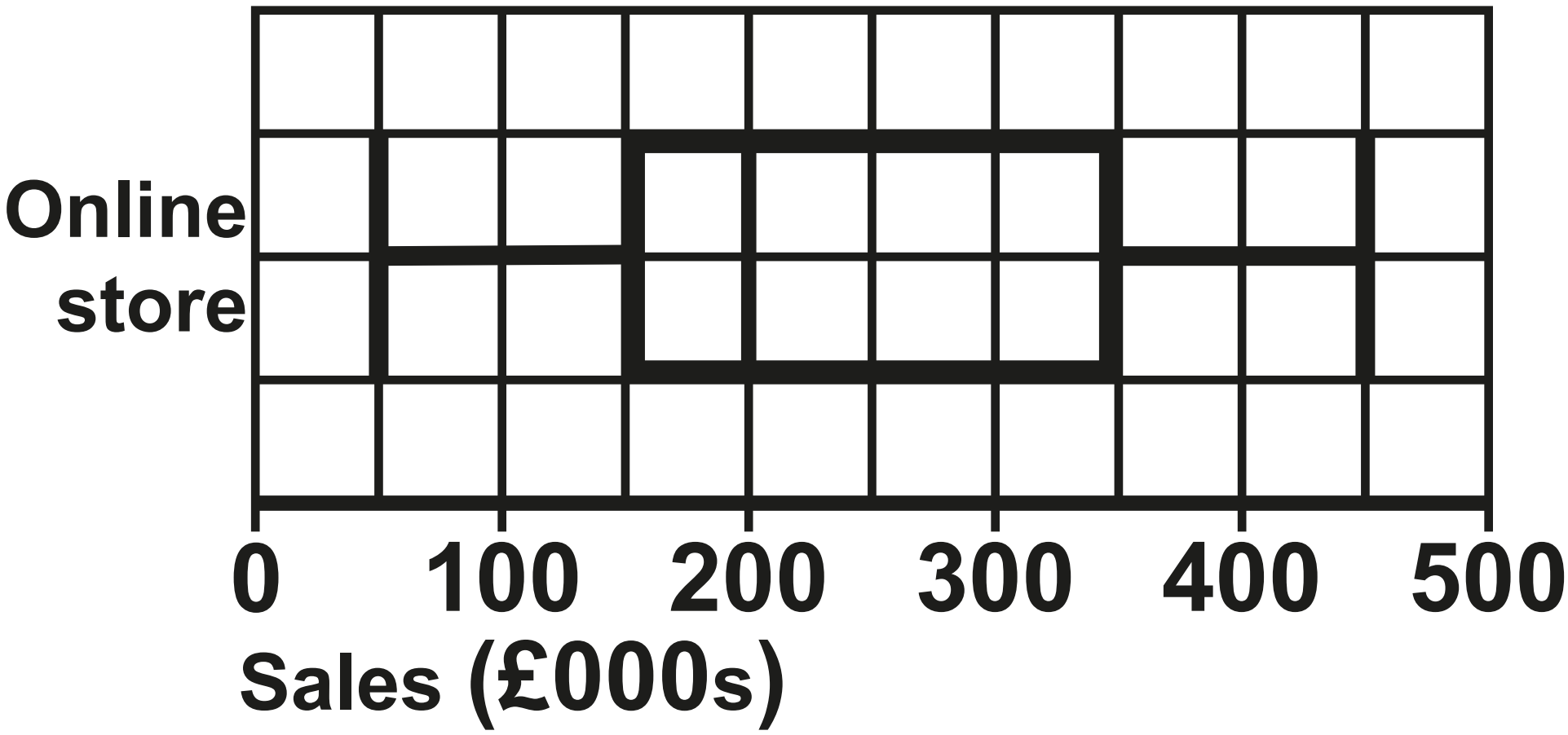
Page	
4	Question 2
5	Question 10(a) and Question 10(b)
6	Question 10(a) and Question 10(b) (Spare copy)
7	Question 13
8	Question 16
9	Question 16 (Spare copy)
10	Question 17 – Diagrams
11–12	Question 17 – Formulas
13	Question 18
14	Question 20
15	Question 21(a)
16	Question 21(a) (Spare copy)
17	Question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

Question 2

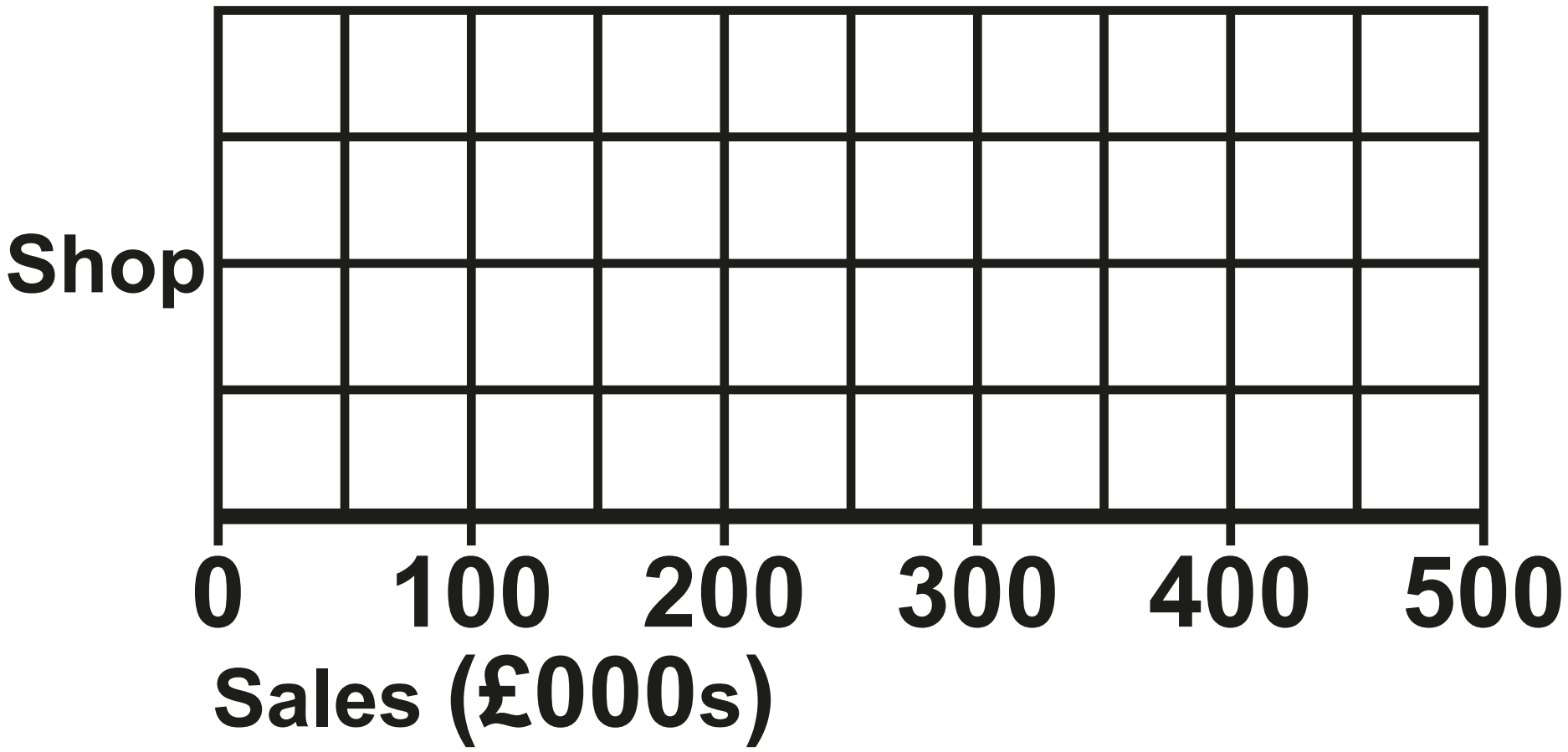


Question 10(a) and Question 10(b)

Question 10(a)

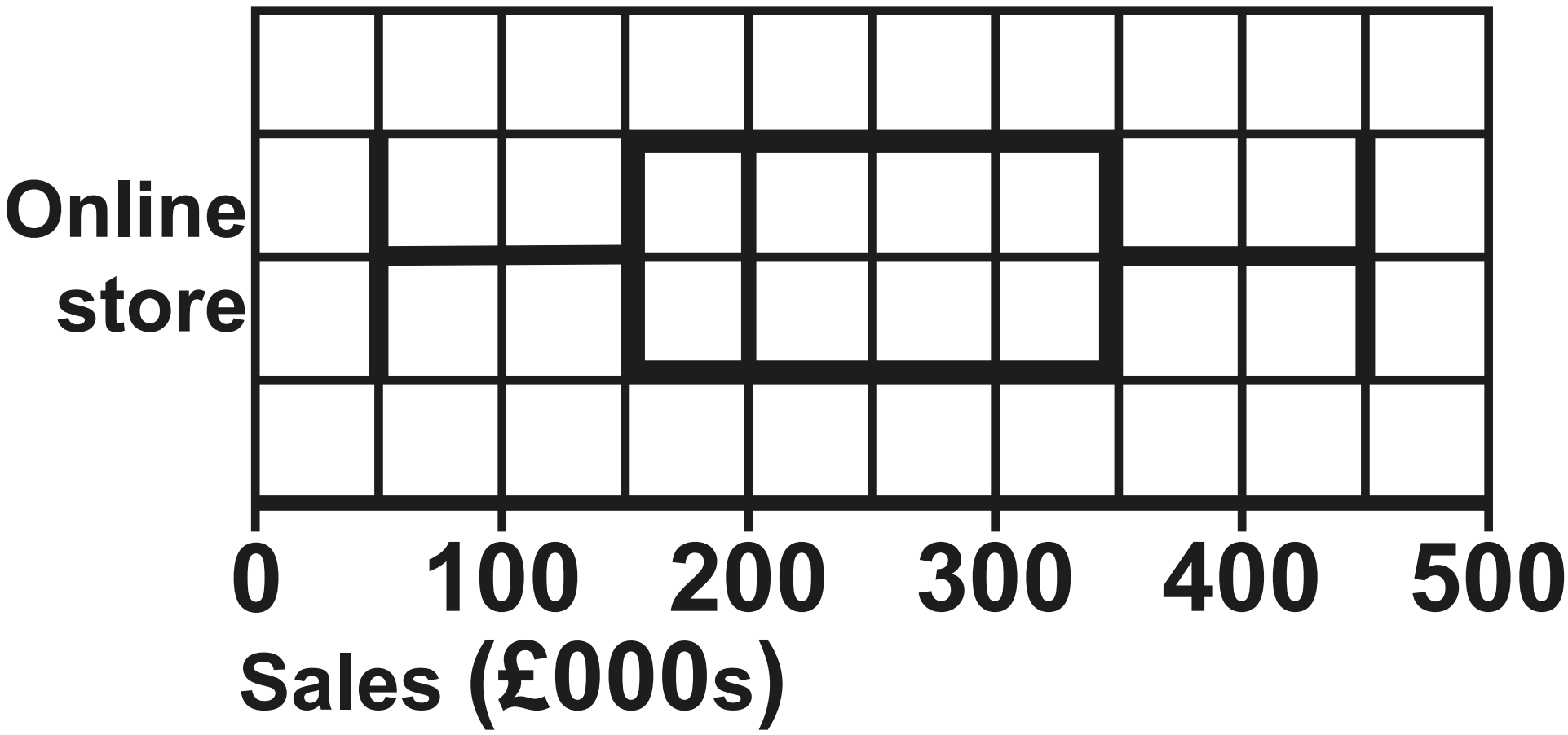


Question 10(b)

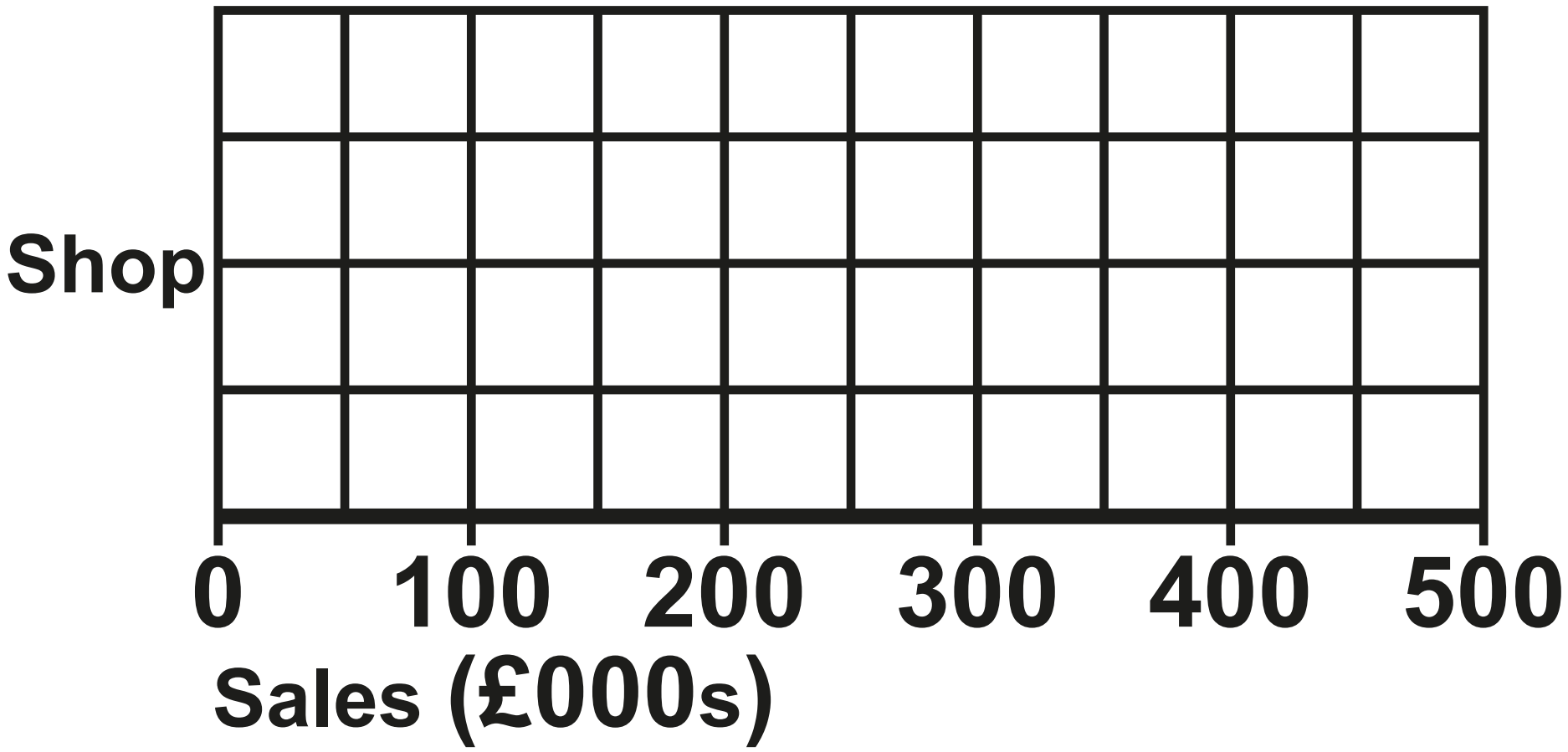


Question 10(a) and Question 10(b)

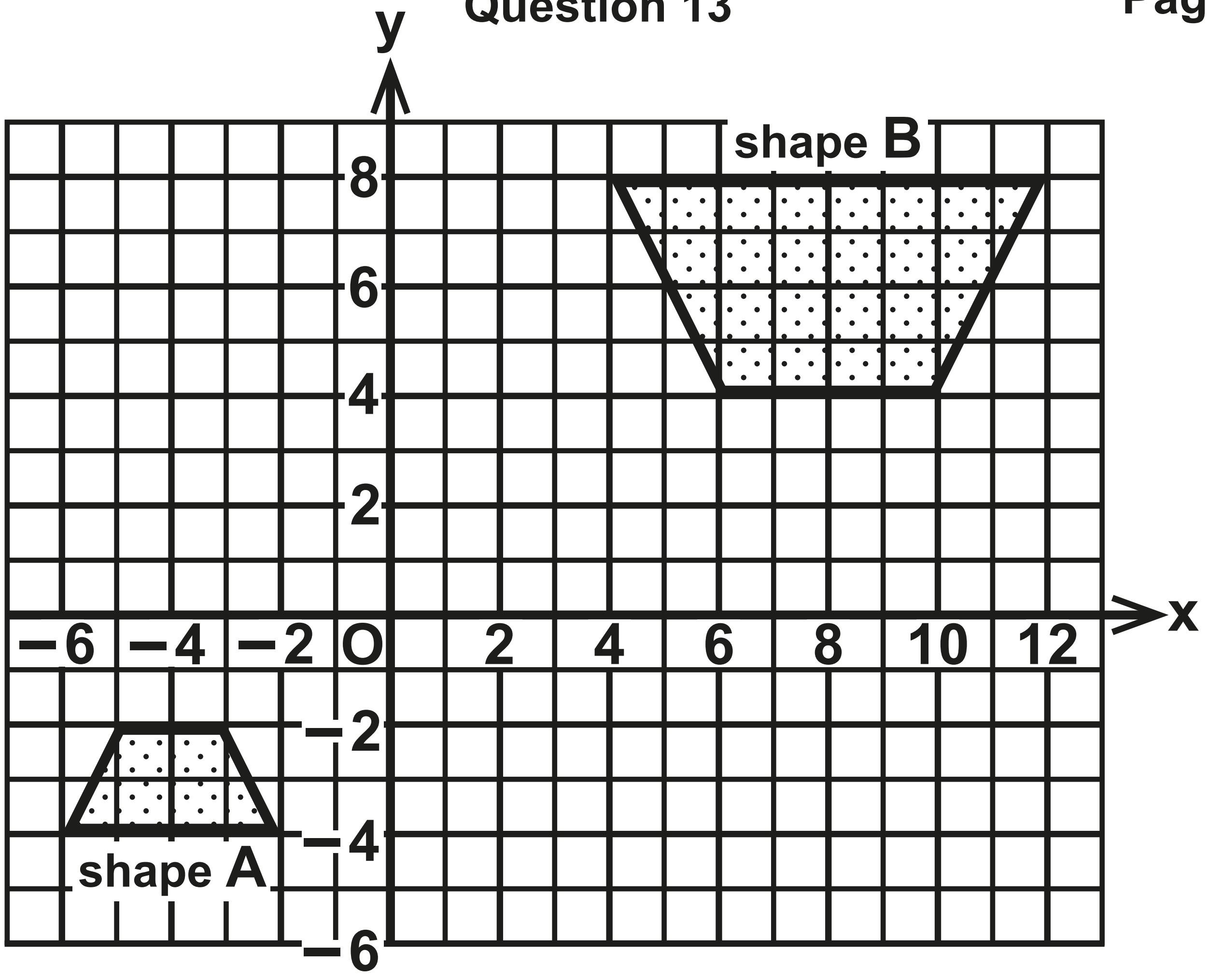
Question 10(a)



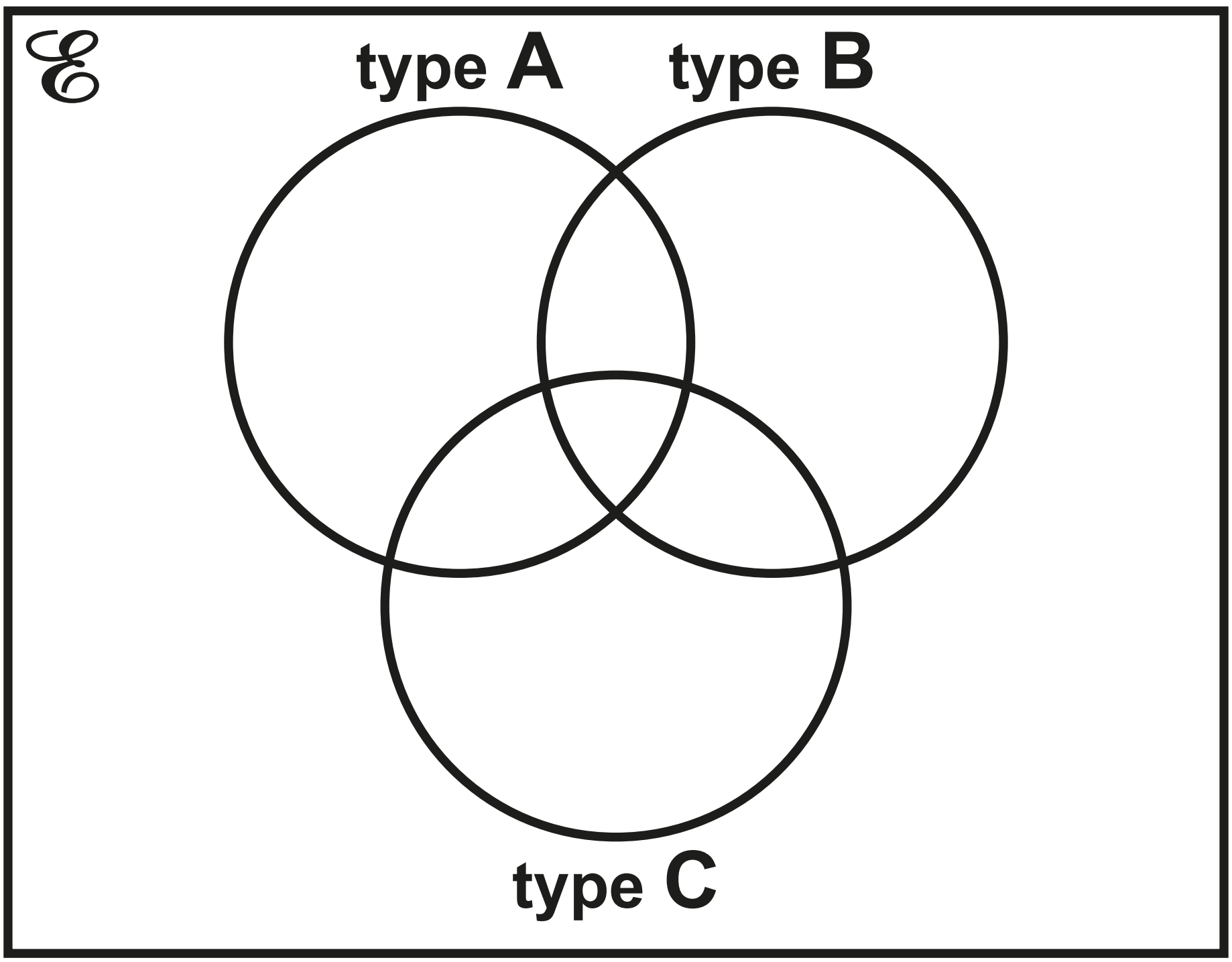
Question 10(b)



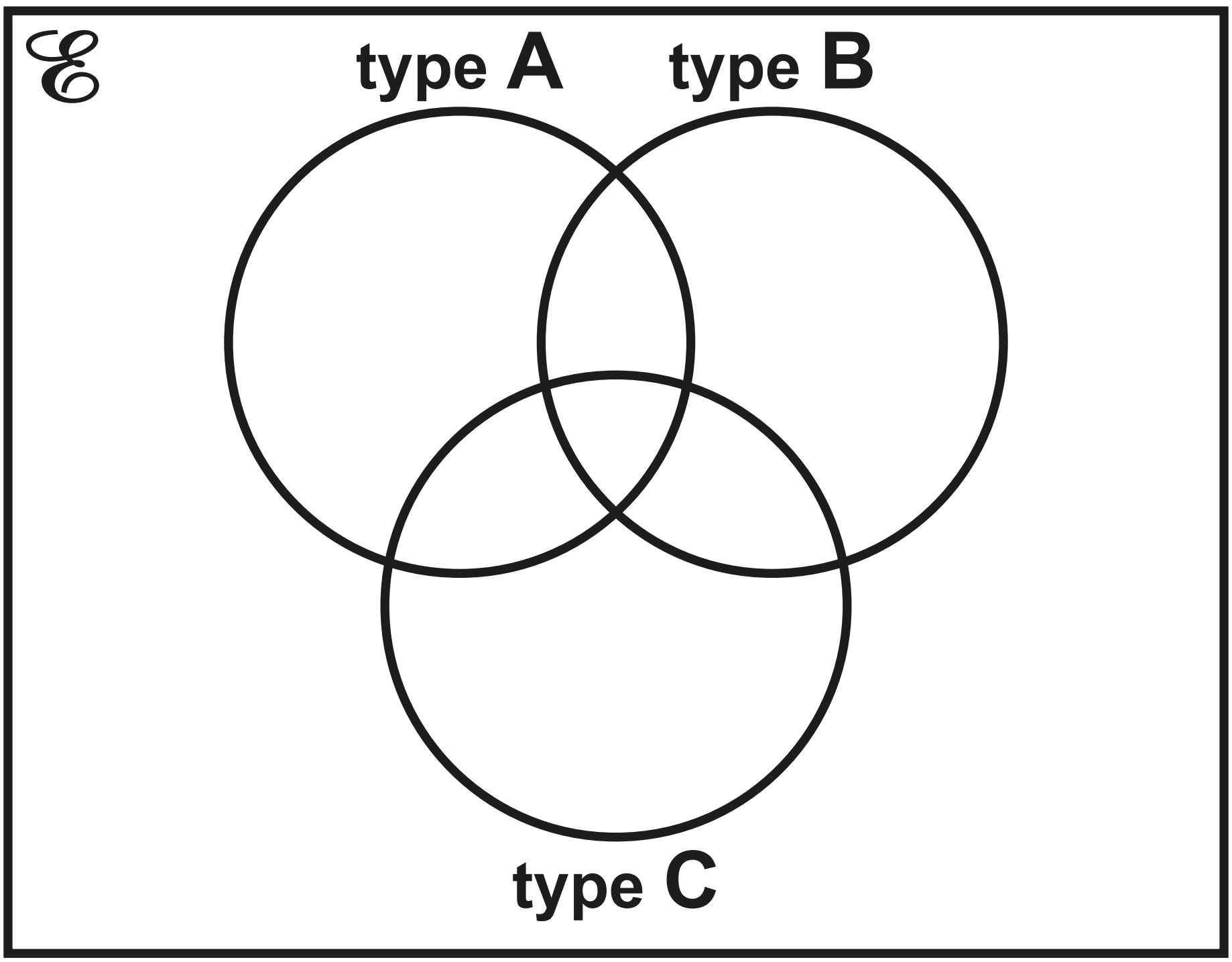
Question 13



Question 16



Question 16



Question 17 – Diagrams

Diagram 1

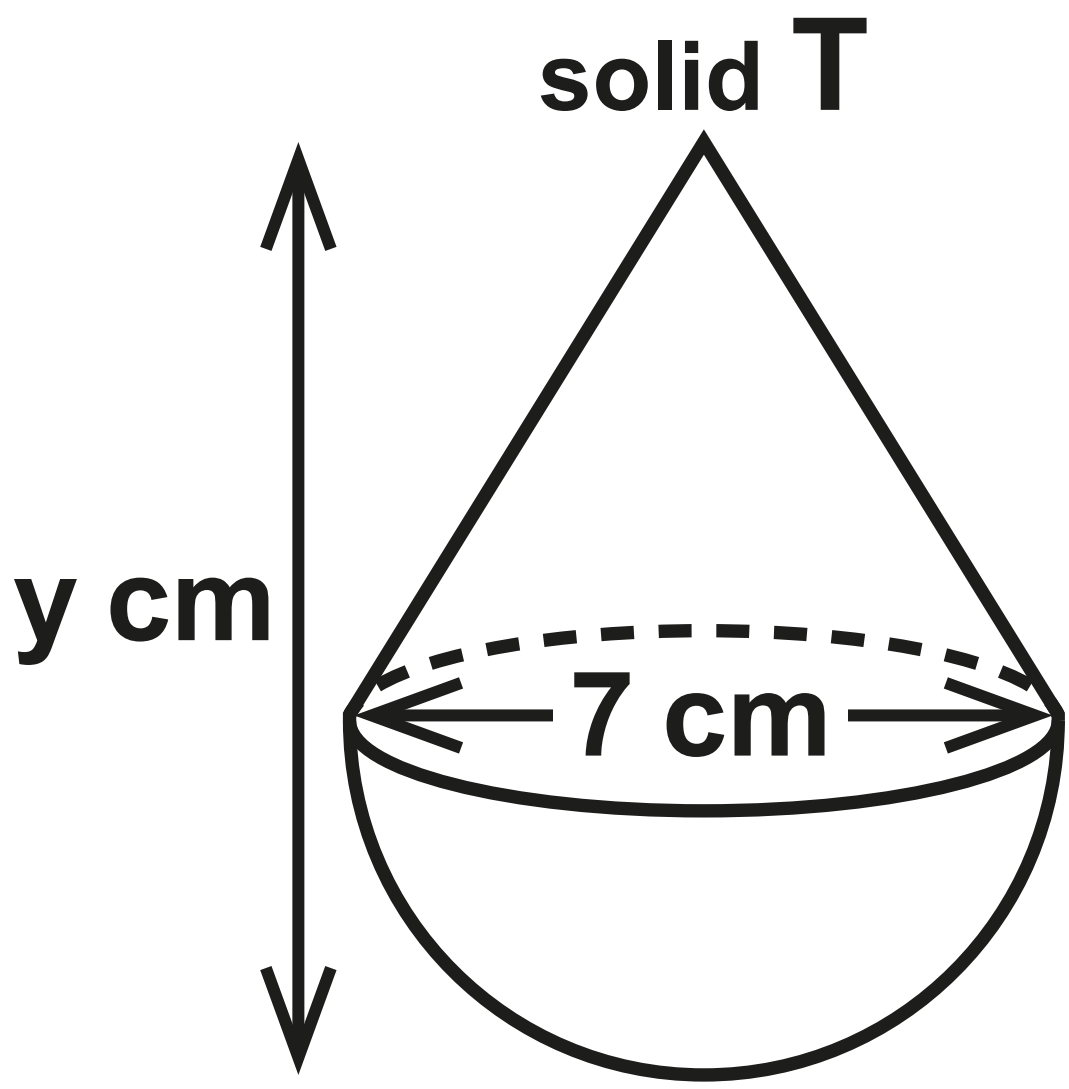
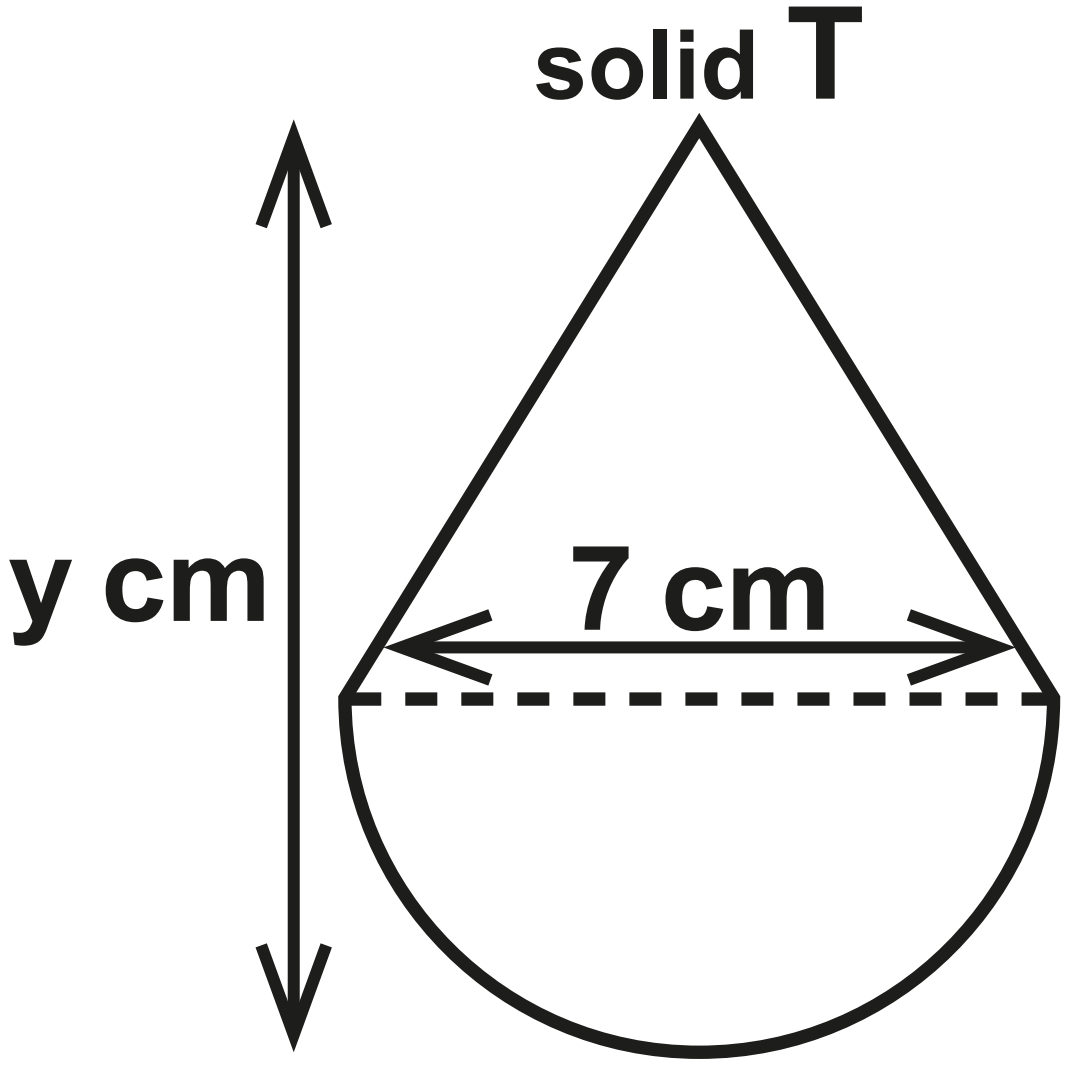
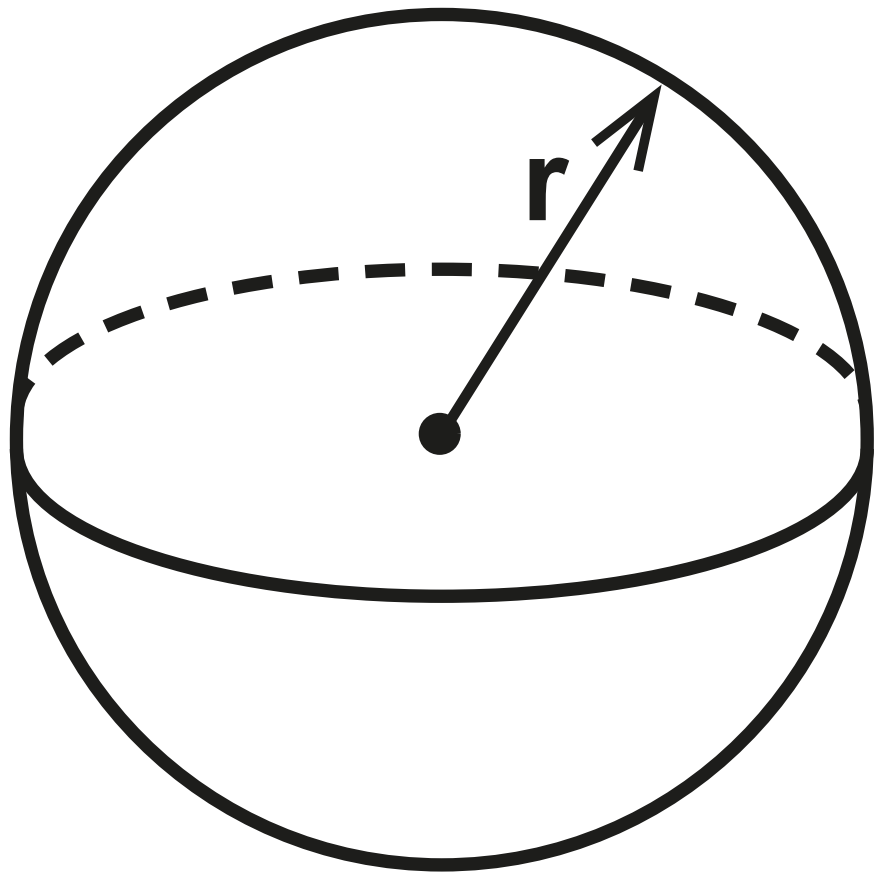


Diagram 2



Question 17 – Formulas

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

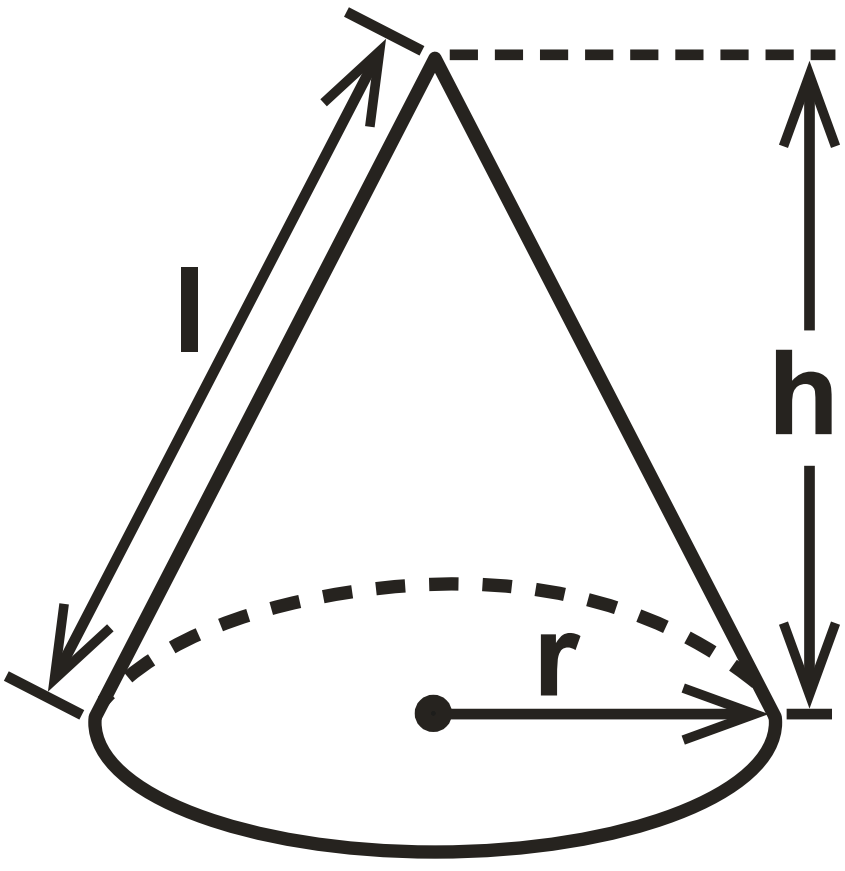


You may be provided with a model.

(continued on the next page)

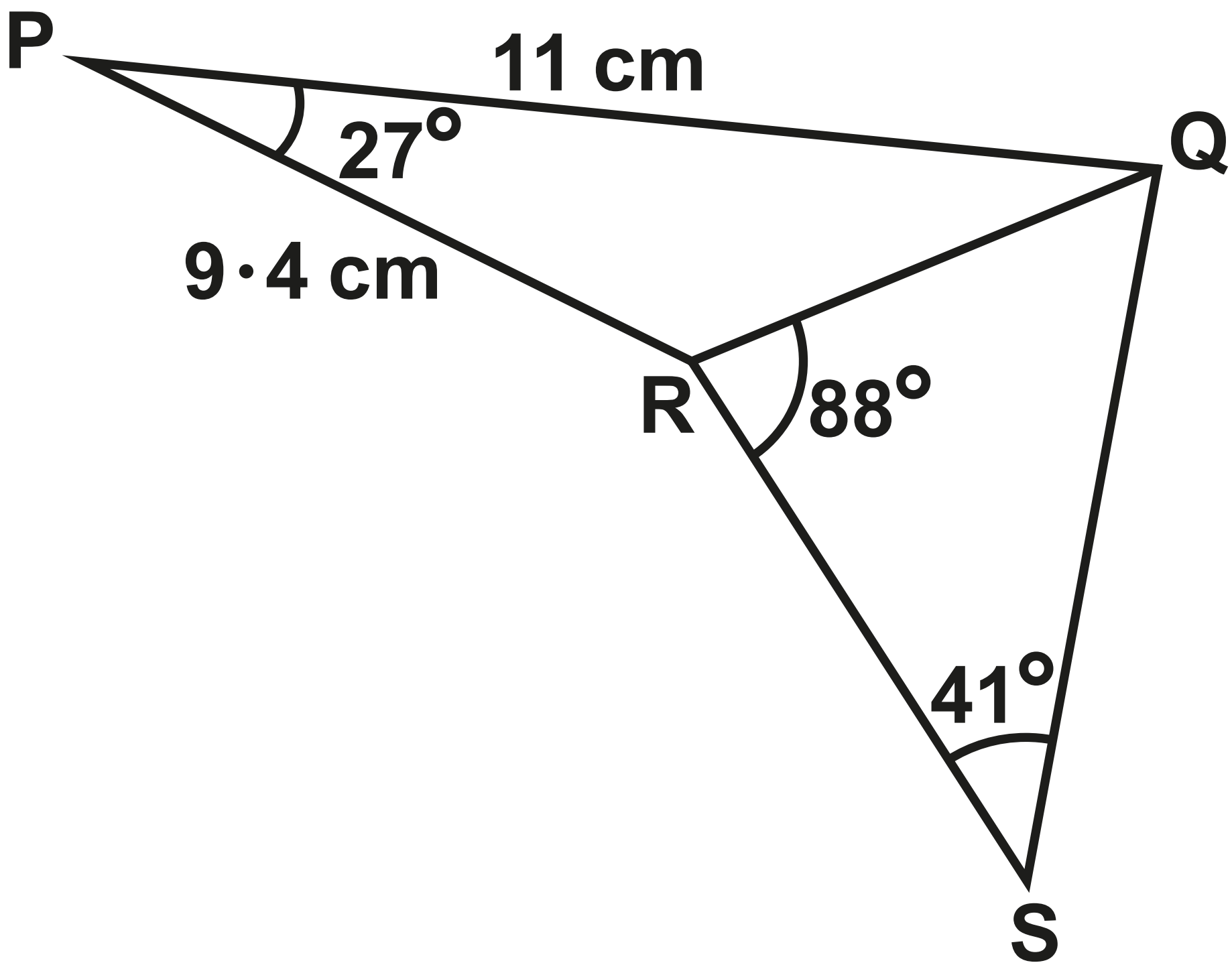
Question 17 – Formulas continued.

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

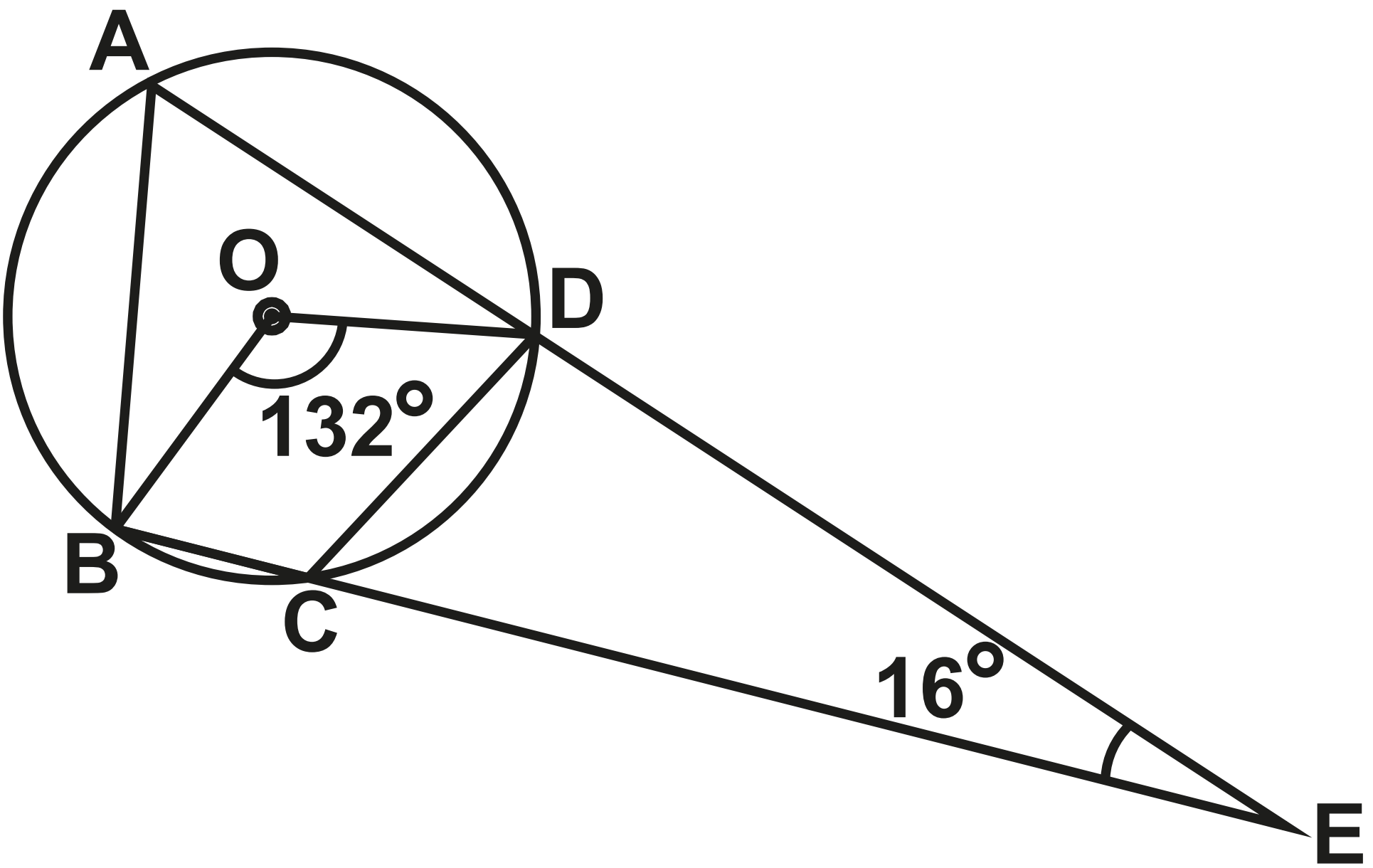


You may be provided with a model.

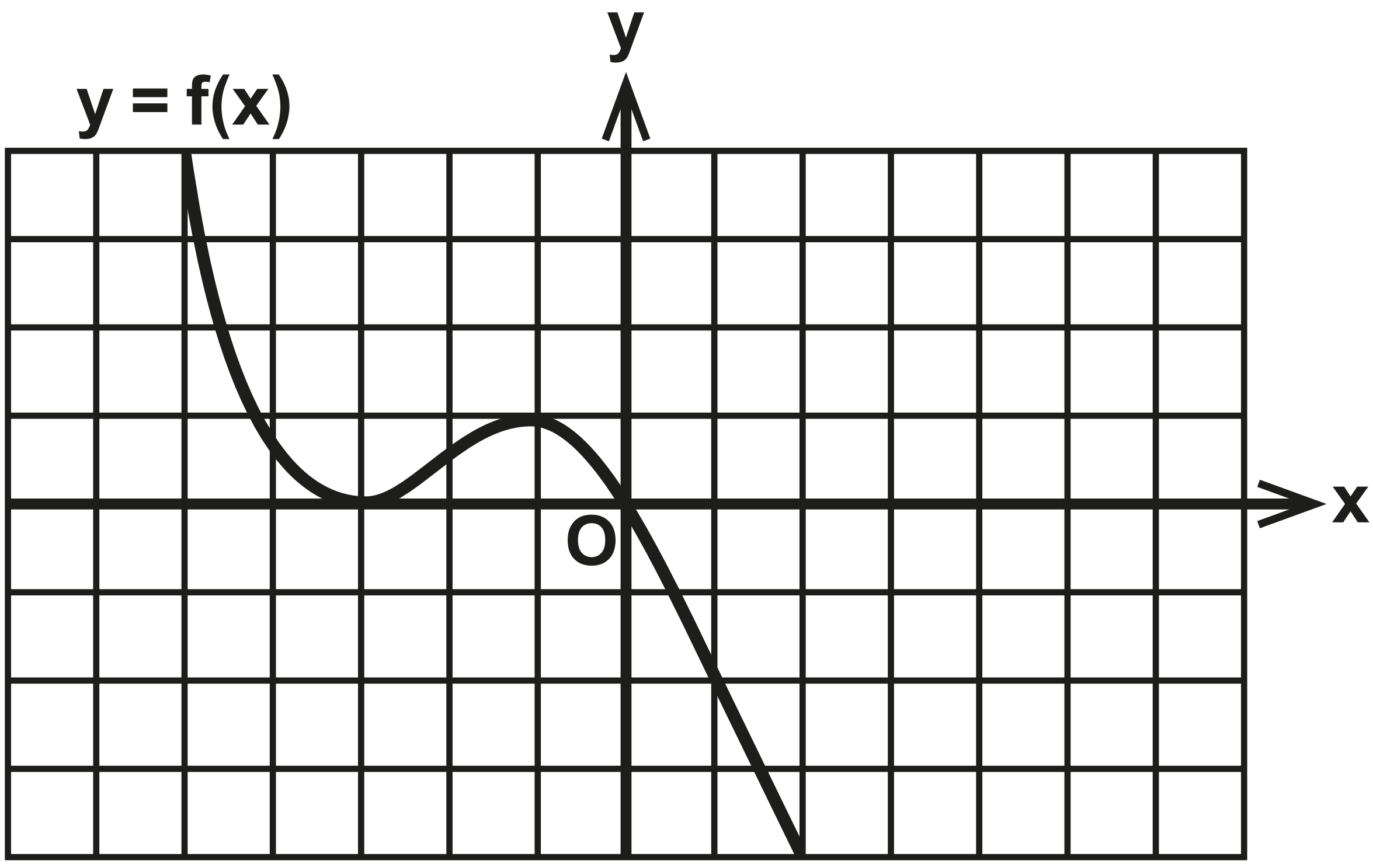
Question 18



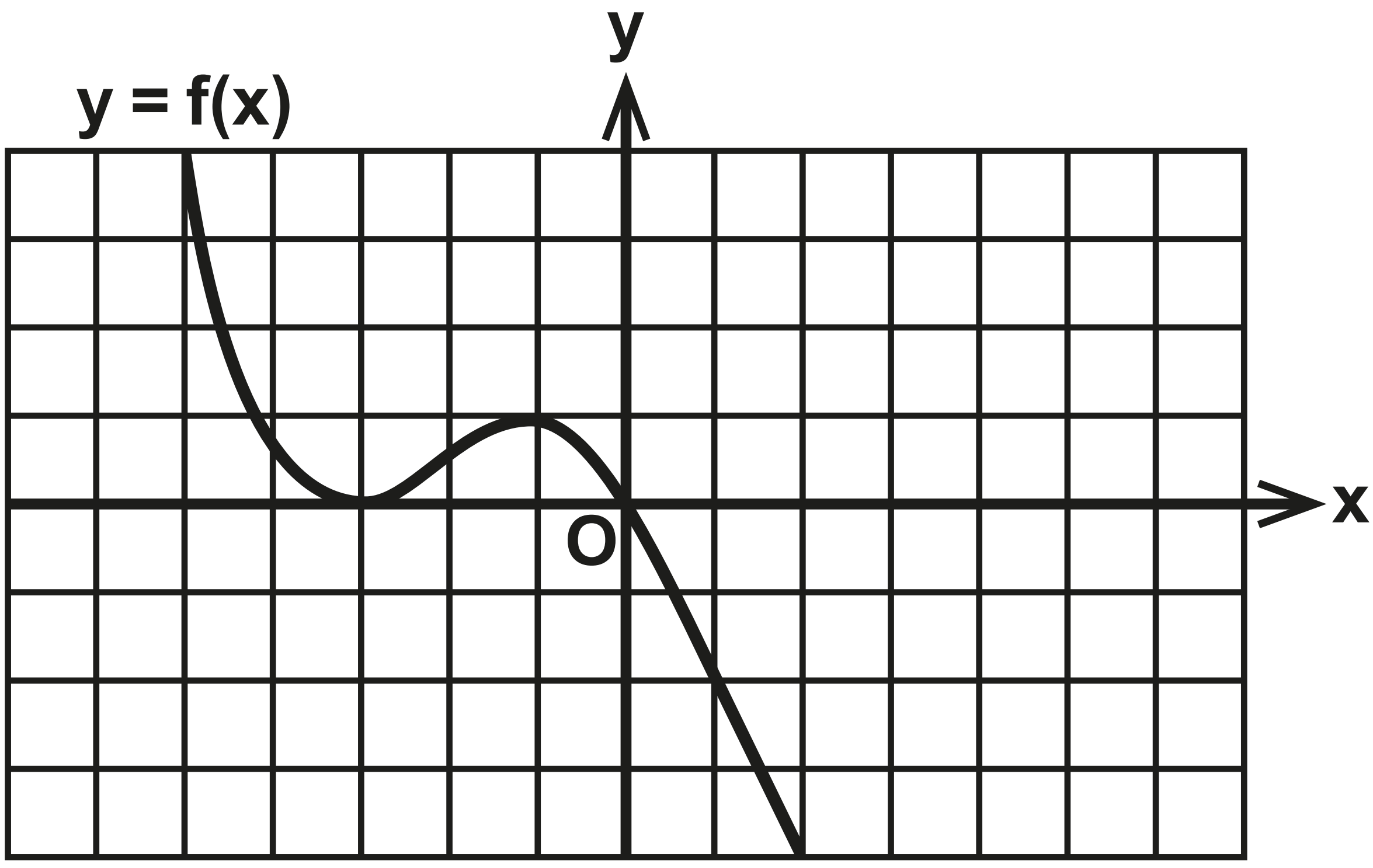
Question 20



Question 21(a)



Question 21(a)



Question 21(b)