

Paper Reference 4MA1/1H
Pearson Edexcel
International GCSE

Mathematics A
PAPER 1H
Higher Tier
(Calculator)

Wednesday 8 November 2023 – Morning

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

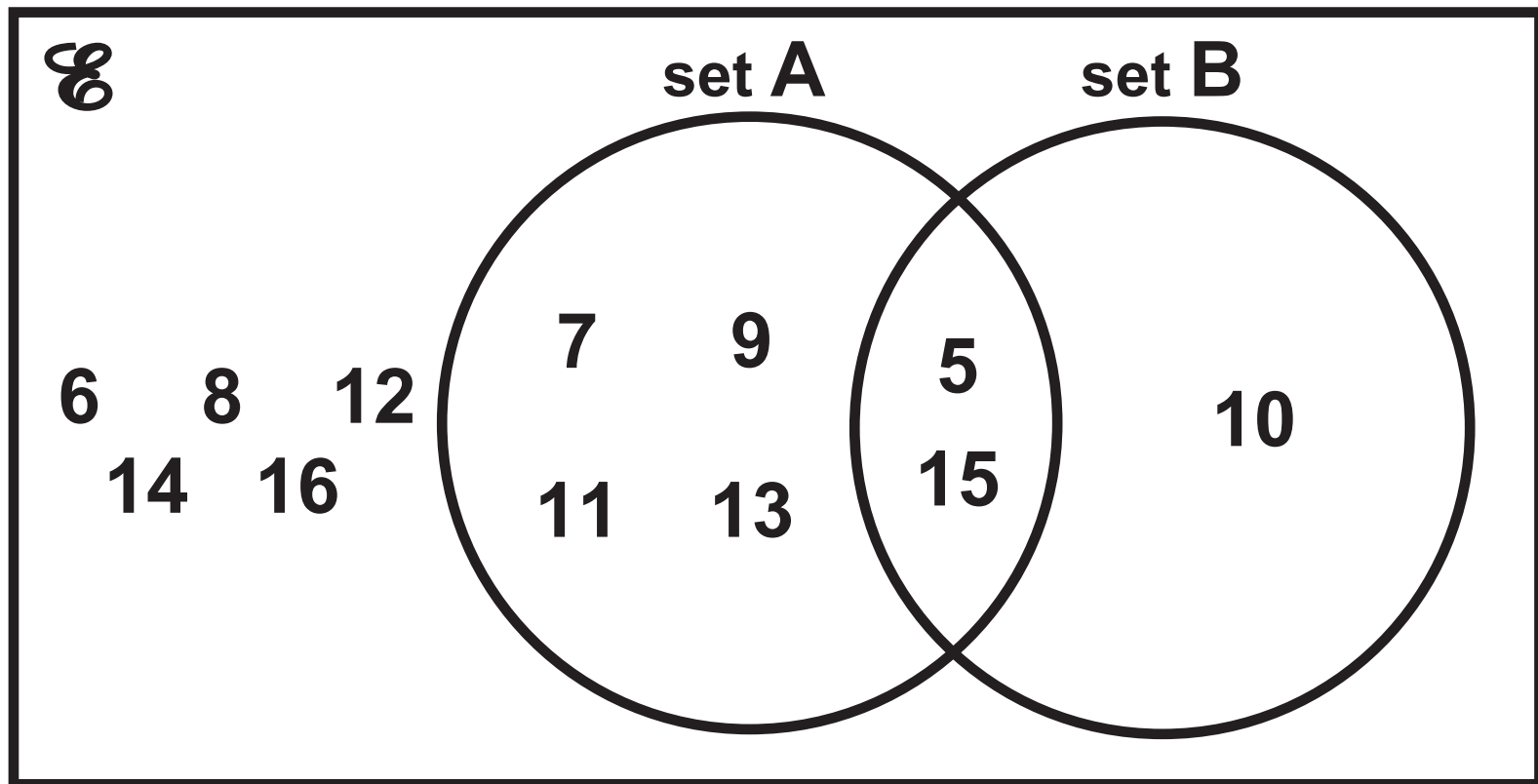
Page

4	Question 1
5	Question 4
6	Question 5 (NOT accurately drawn)
7	Question 6
8	Question 8(b)
9	Question 10 (NOT accurately drawn)
10	Question 12(b)
11	Question 12(c)
12	Question 13
13	Question 14 (NOT accurately drawn)
14	Question 17
15	Question 18 (NOT accurately drawn)
16	Question 21 (NOT accurately drawn)
17	Question 23
18	Question 24(b)

Spare Copies

19	Question 12(b)
-----------	-----------------------

Question 1

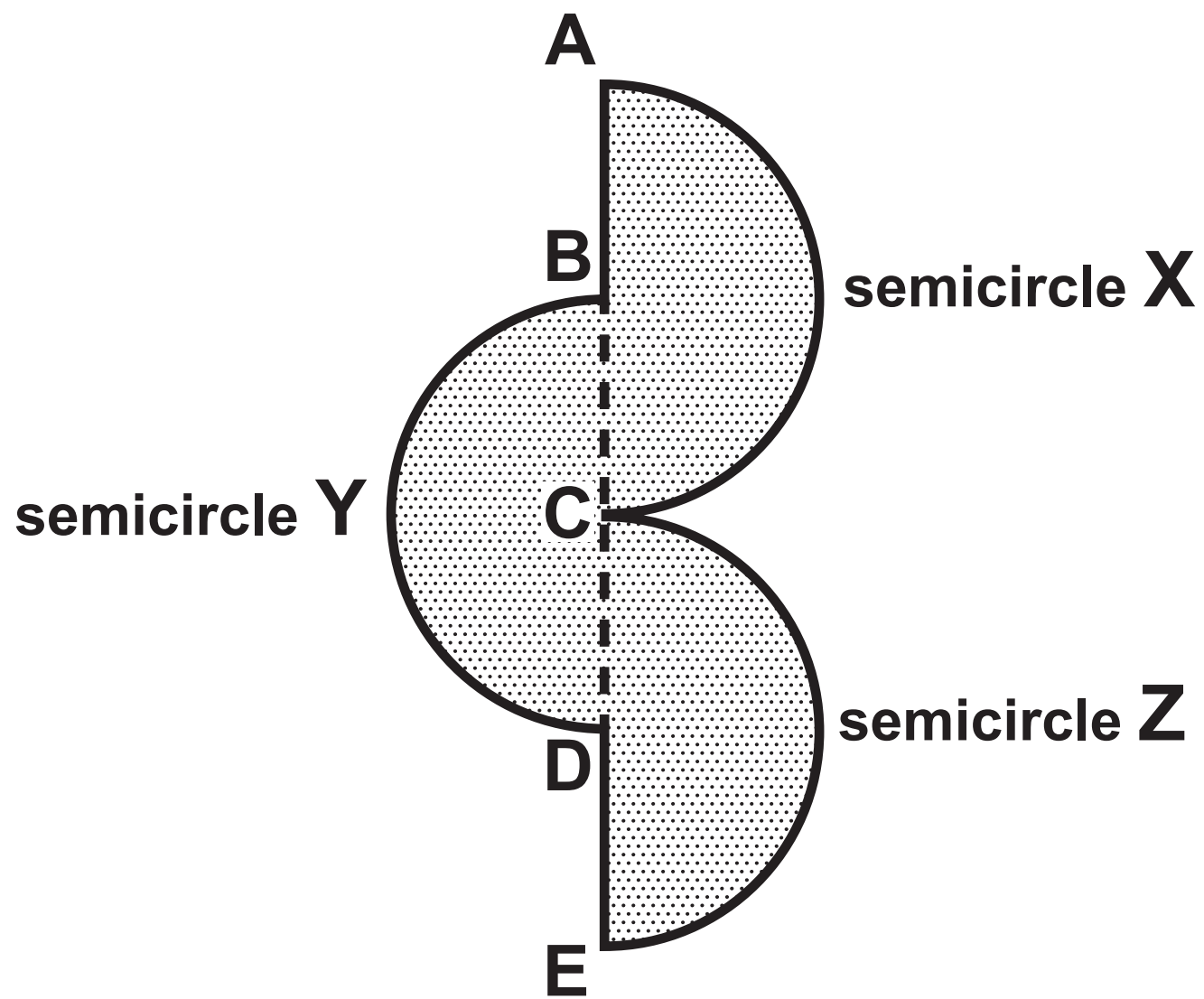


Question 4

Colour	Probability
blue	0.58
orange	2x
white	x

Question 5

Diagram NOT accurately drawn



Question 6

Juan finds two different types of ticket he can buy in a sale, ticket **A** and ticket **B**

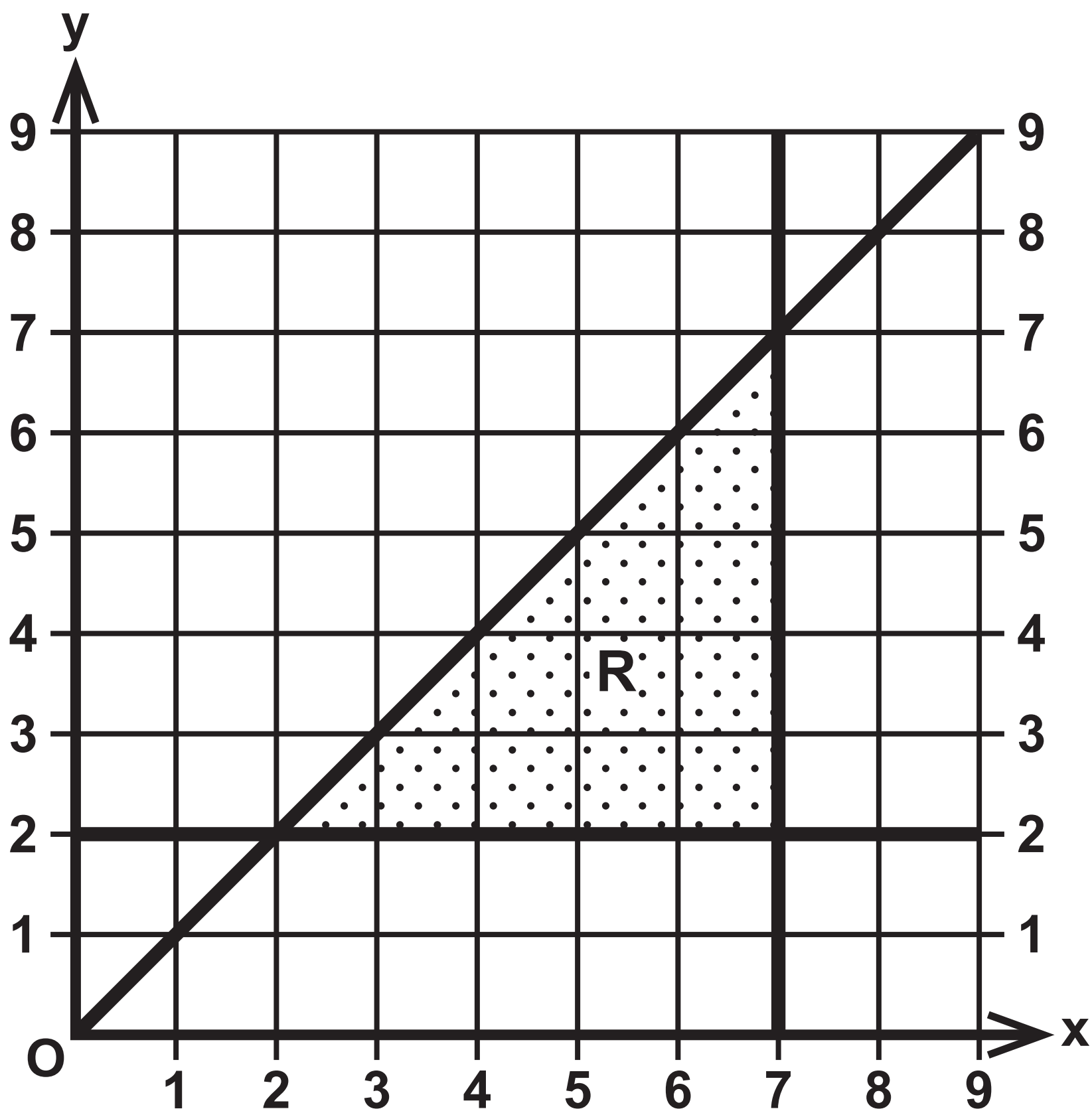
ticket **A**: $\frac{1}{6}$ off normal price

ticket **B**: 20% off normal price

The sale price of ticket **A** is 140 euros.

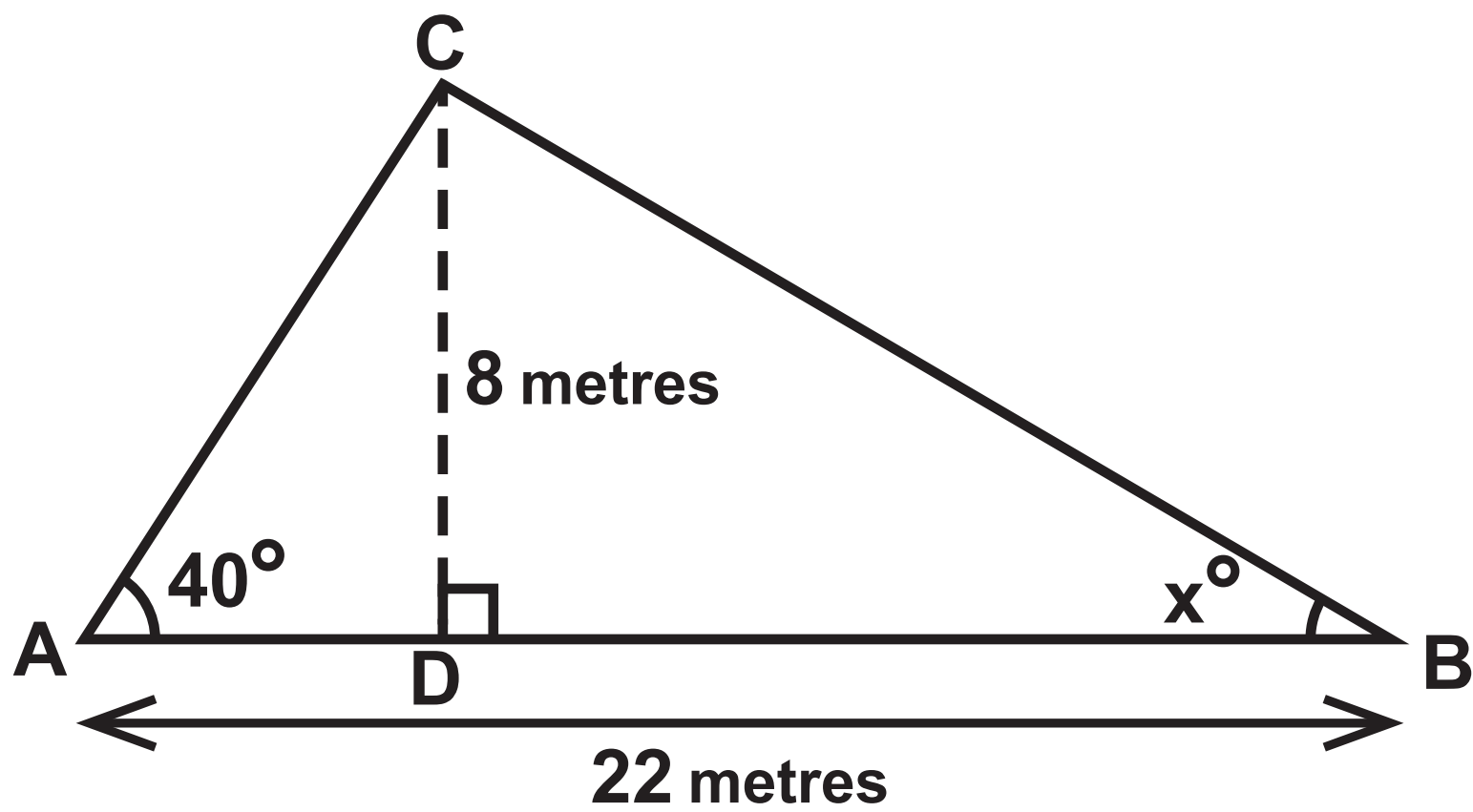
The sale price of ticket **B** is 136 euros.

Question 8(b)

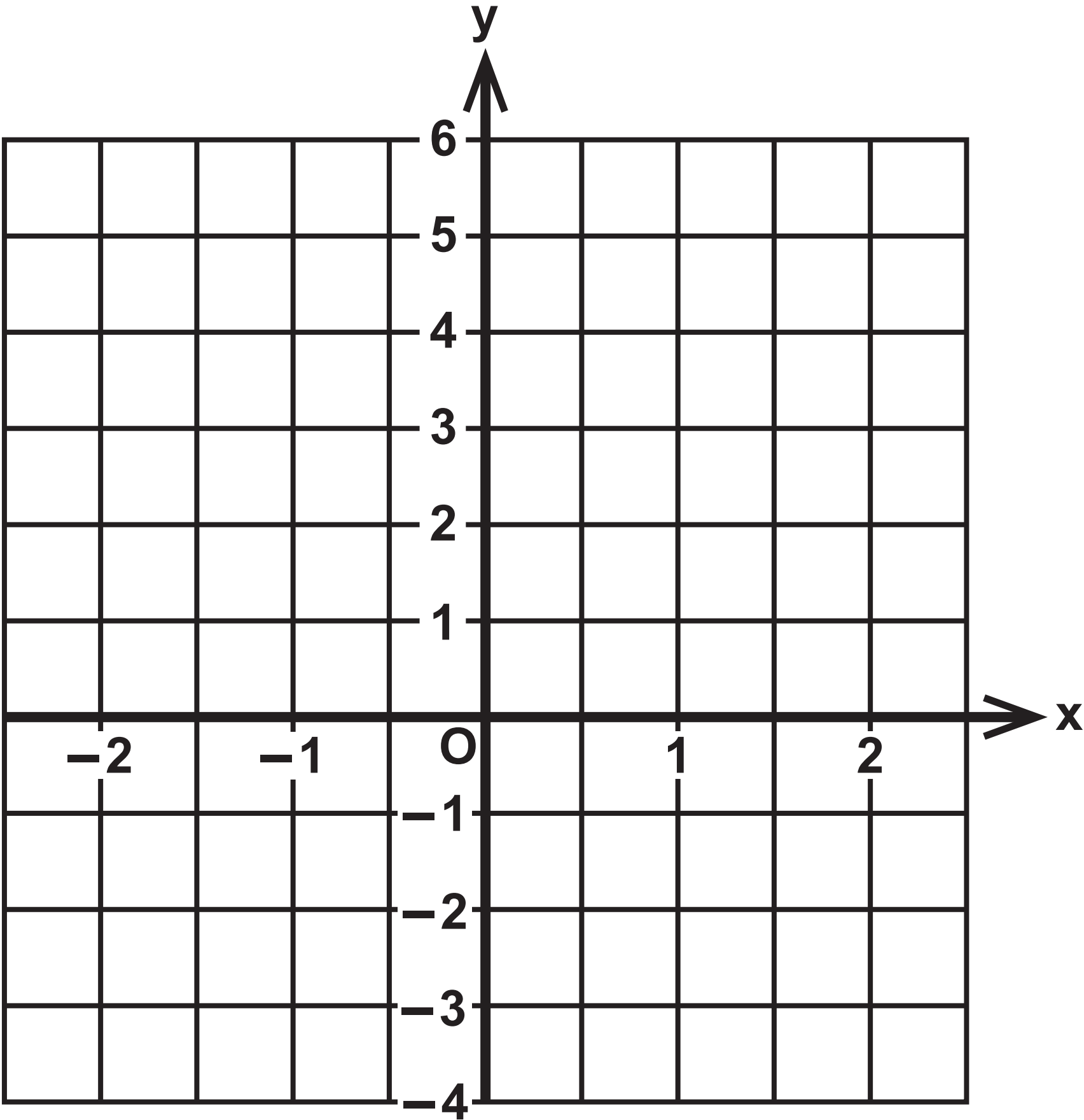


Question 10

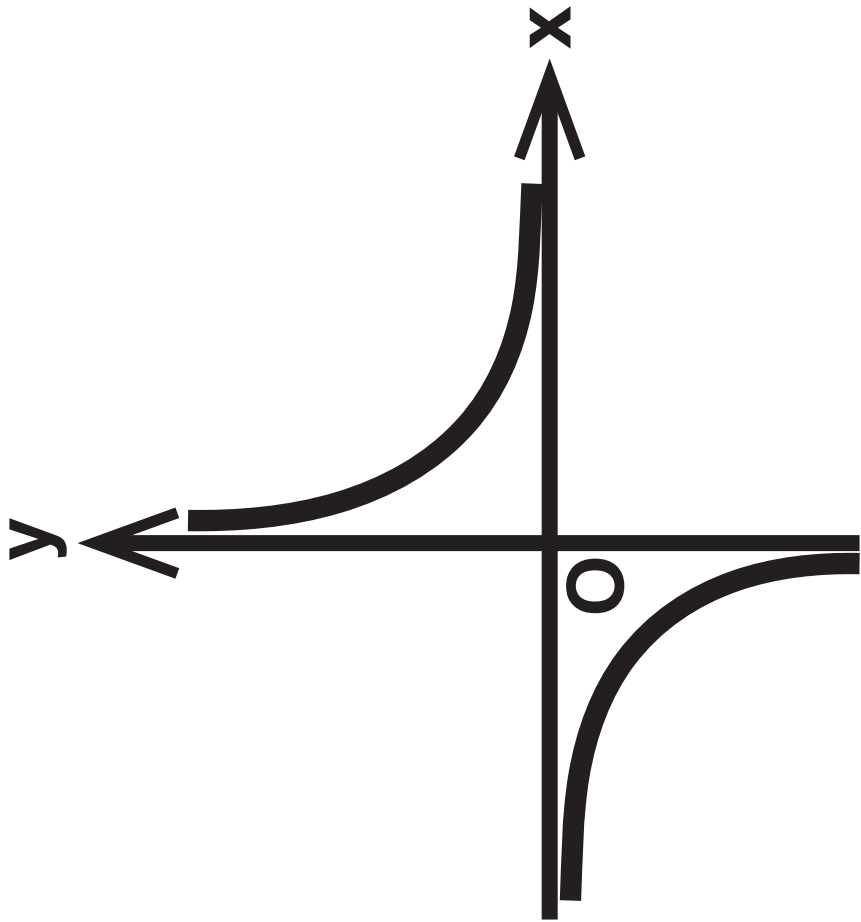
Diagram NOT accurately drawn



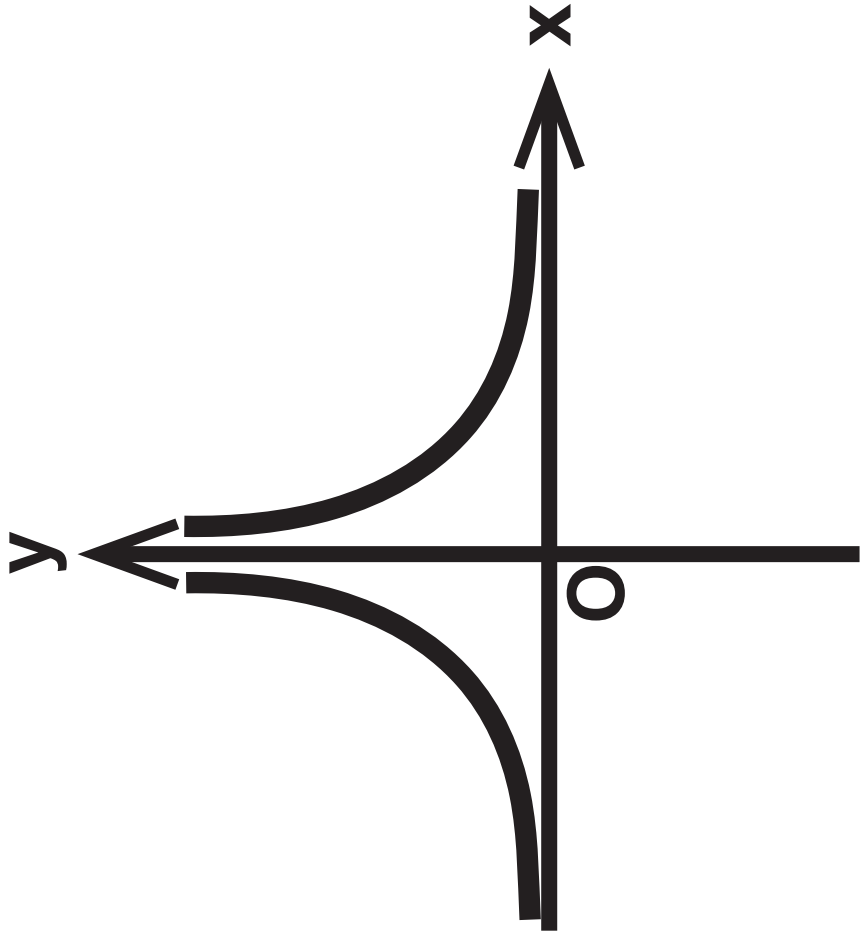
Question 12(b)



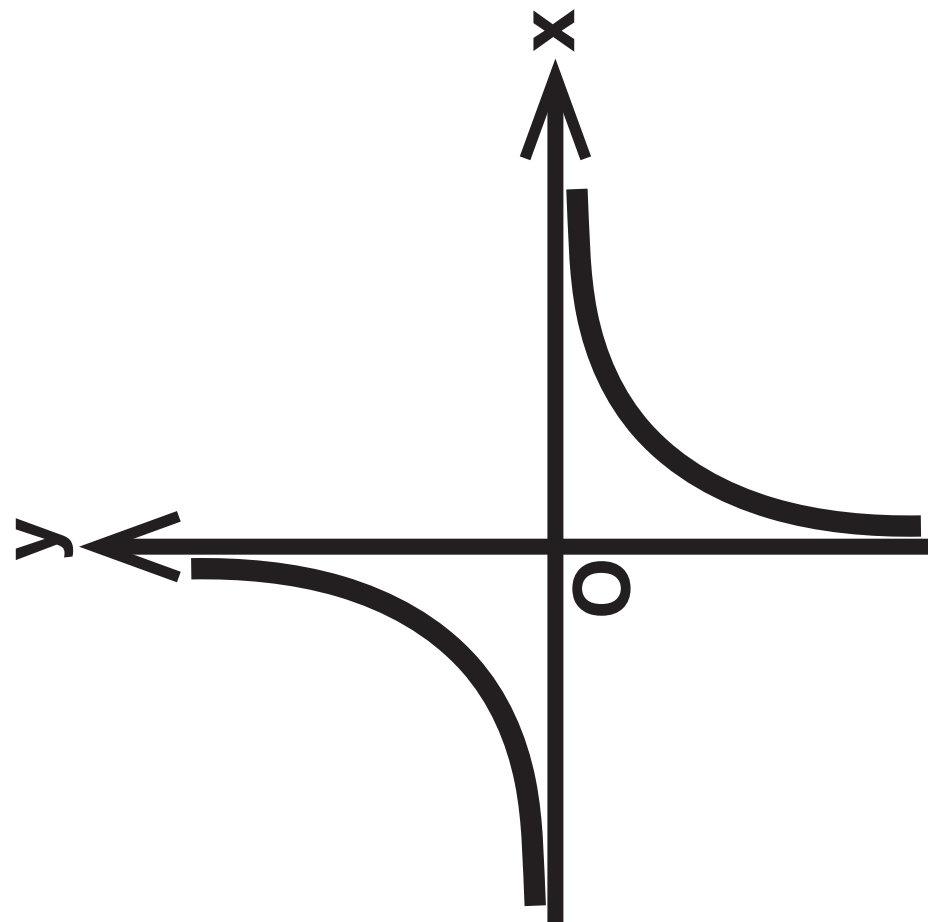
Graph A



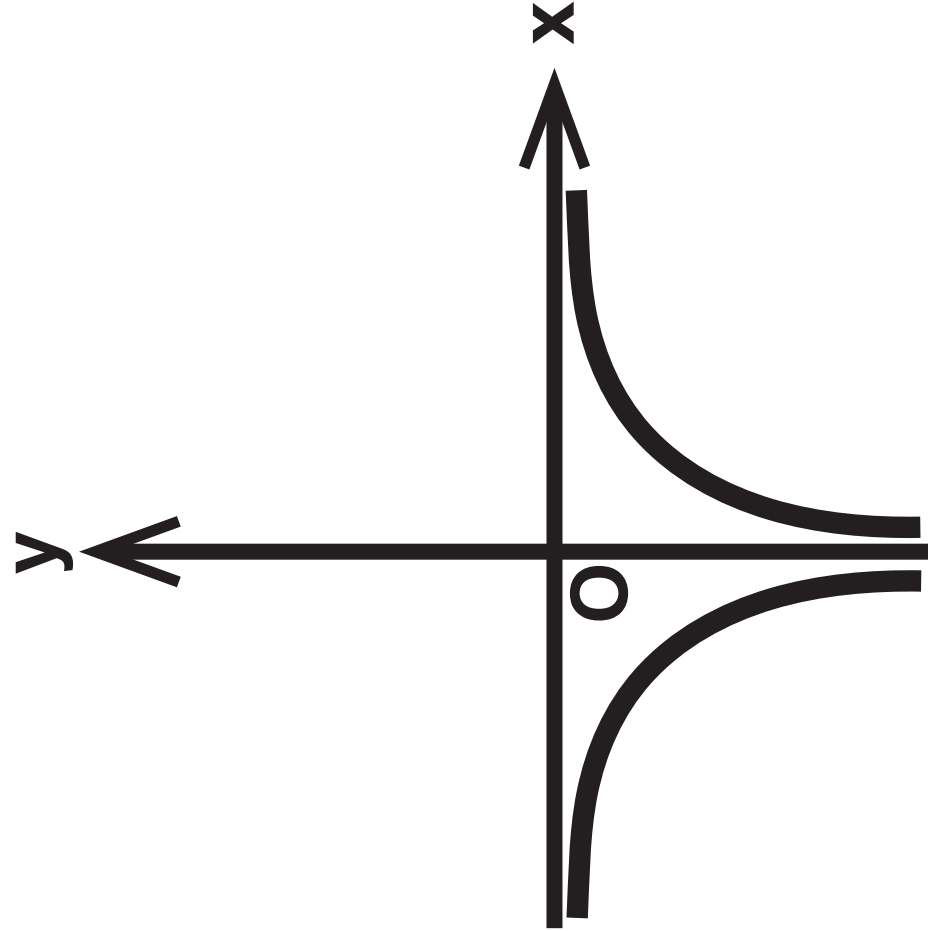
Graph B



Graph C

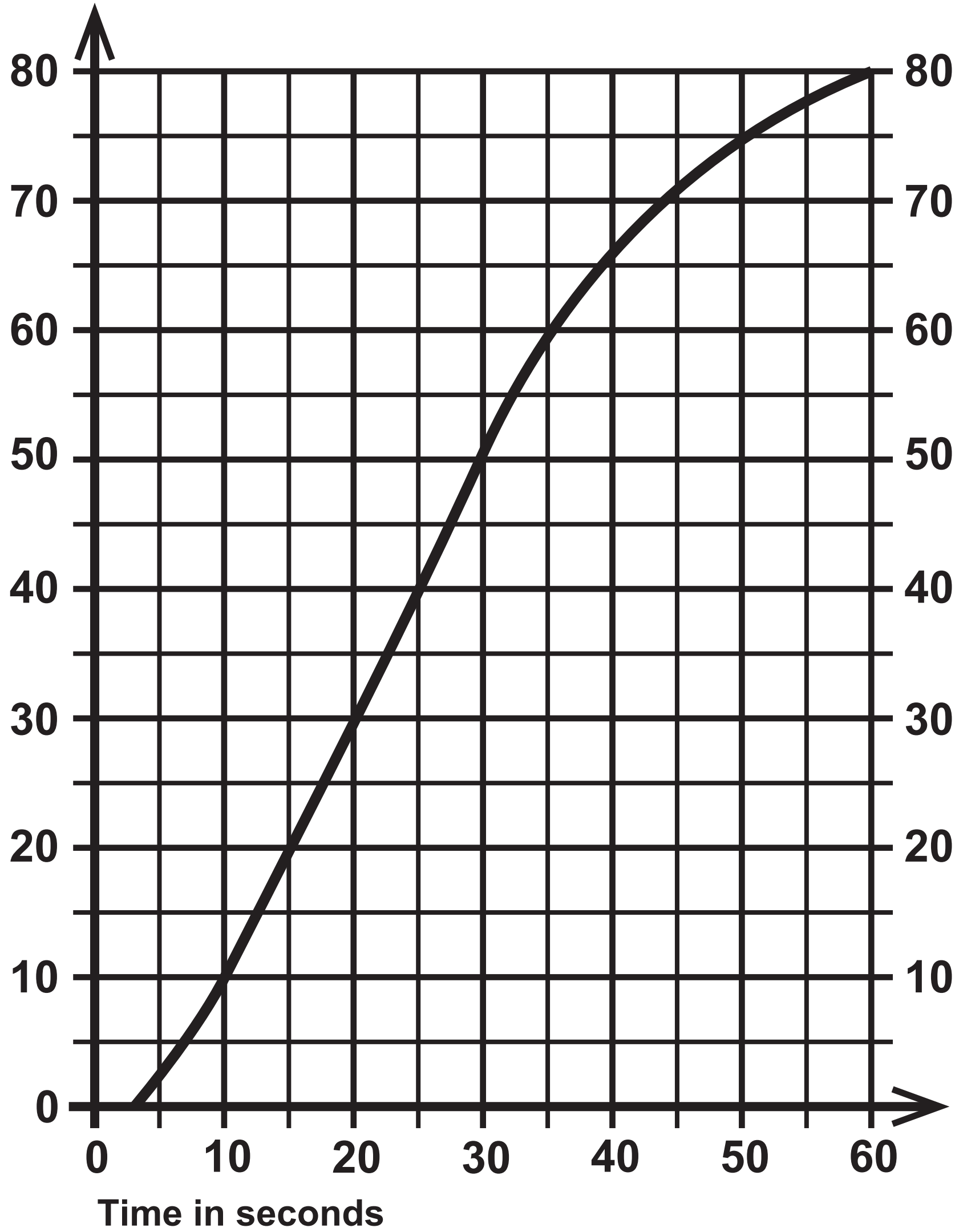


Graph D



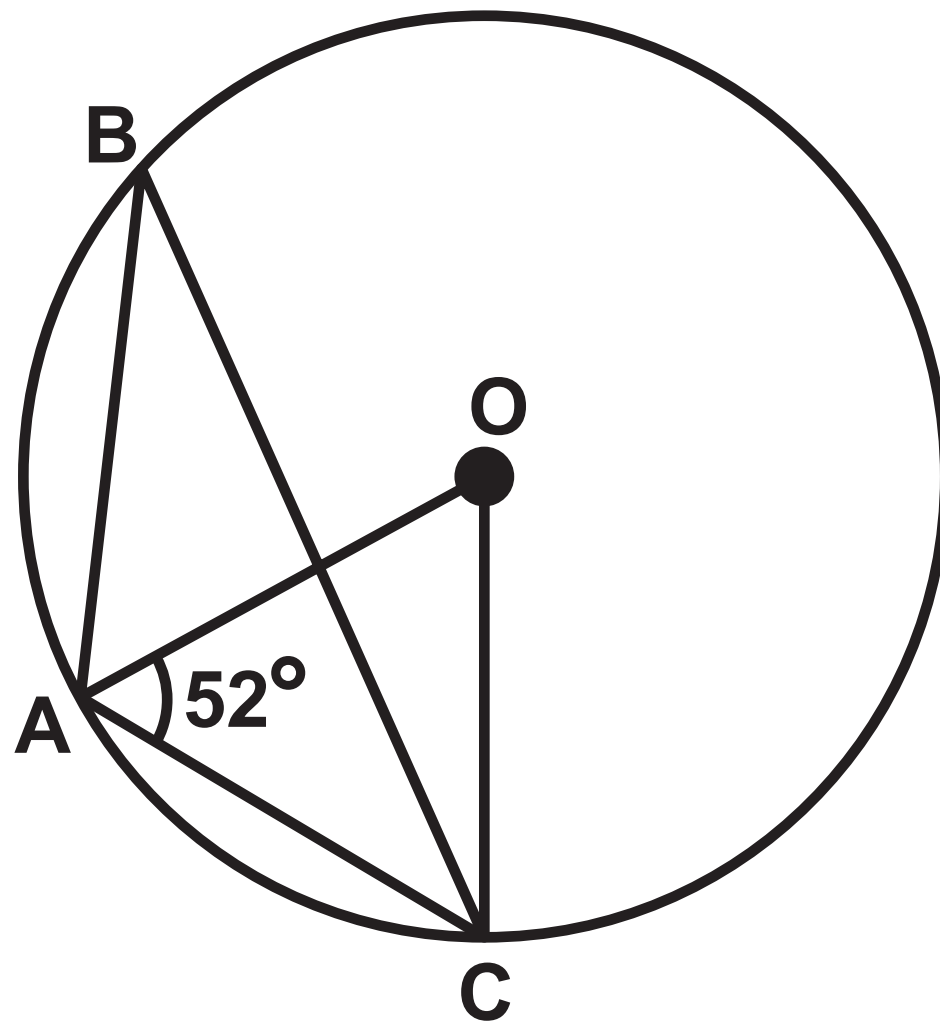
Question 13

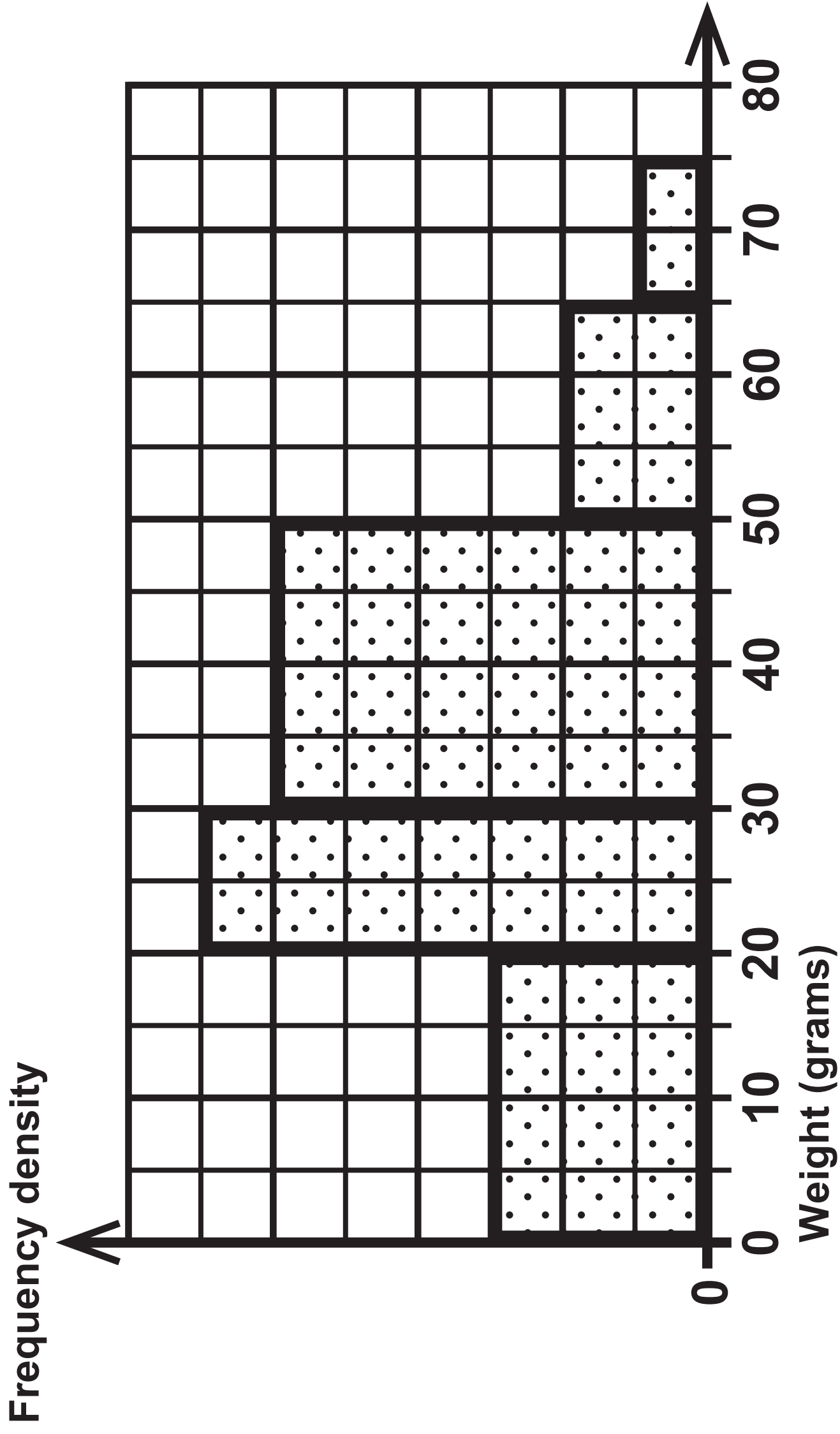
Cumulative frequency



Question 14

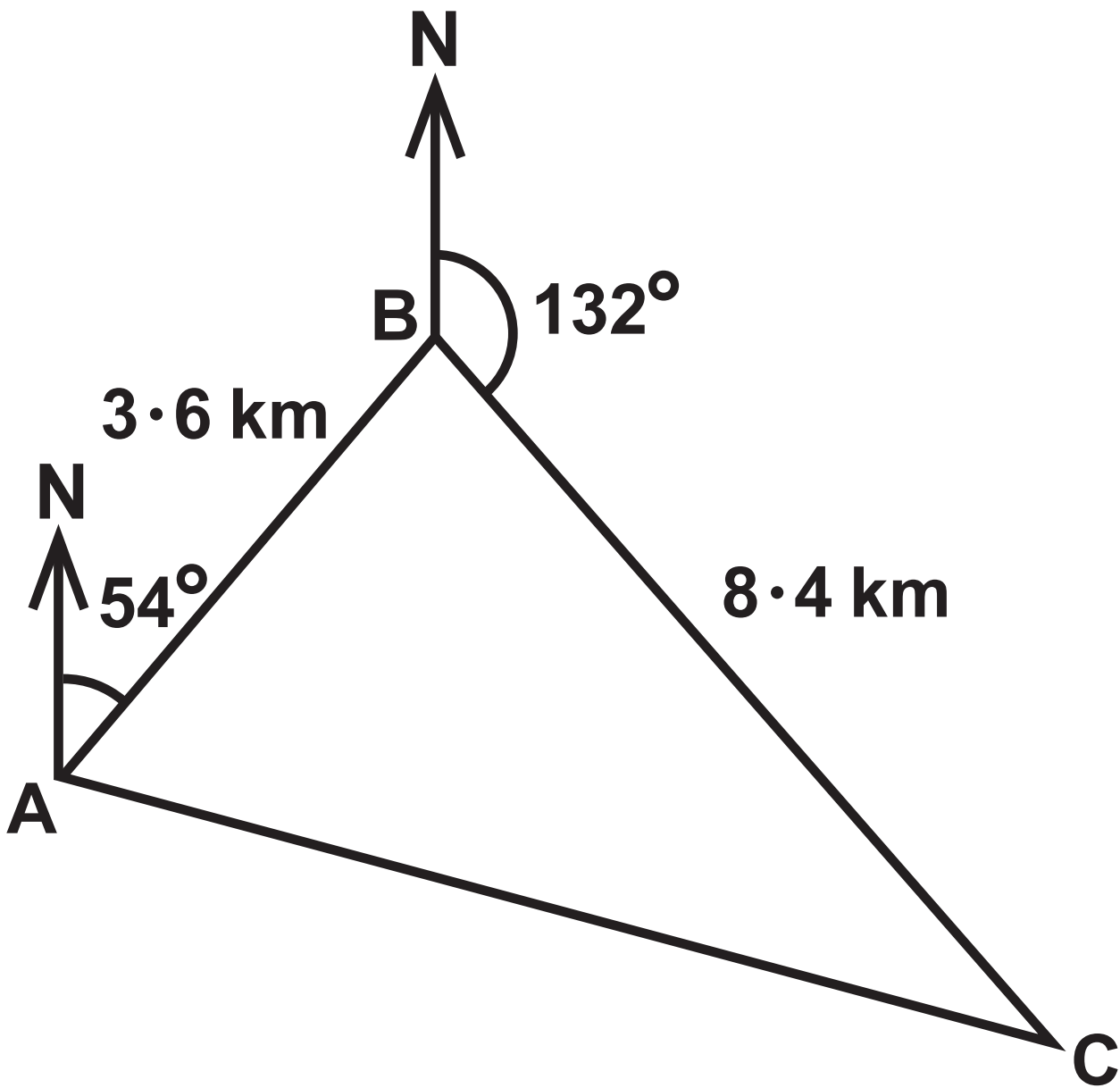
Diagram NOT accurately drawn





Question 18

Diagram NOT accurately drawn



Question 21

Diagram NOT accurately drawn

Diagram 1 – 3D view

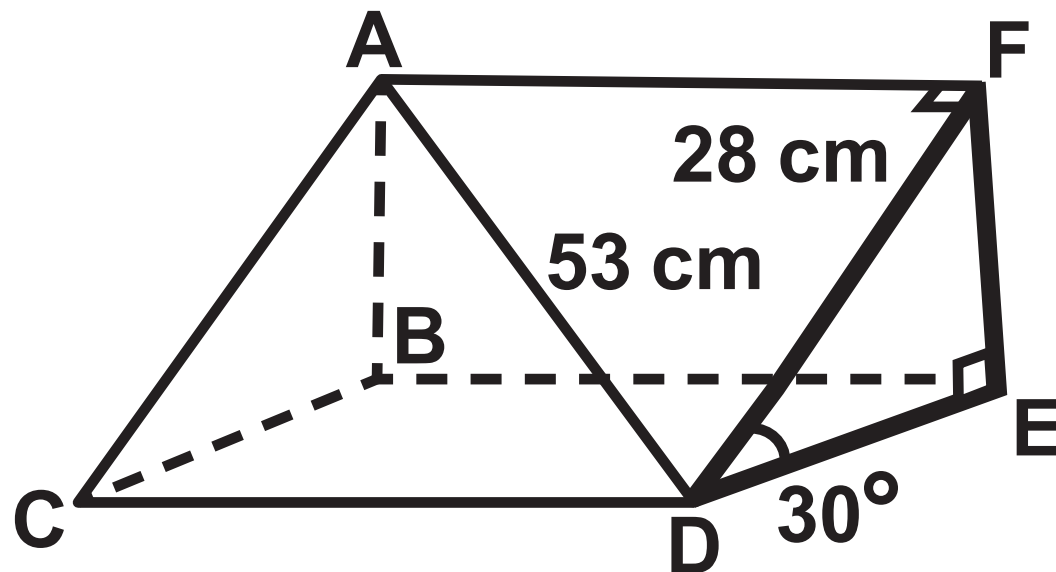


Diagram 2 – triangular face

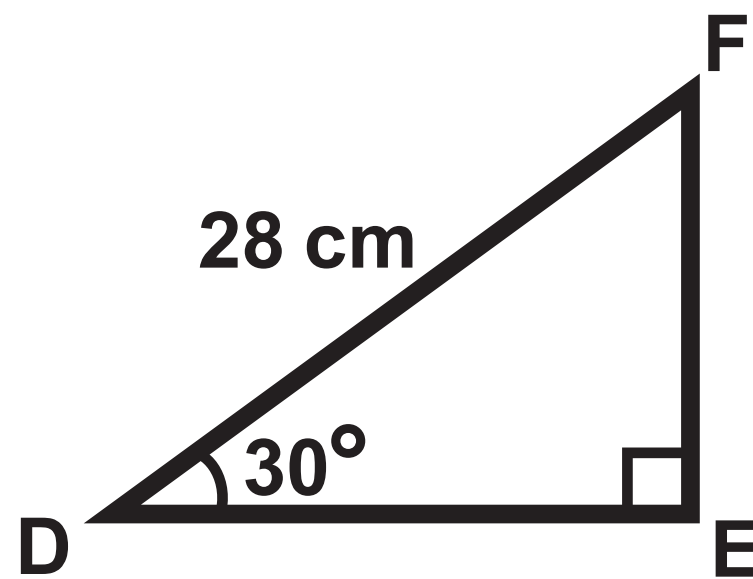
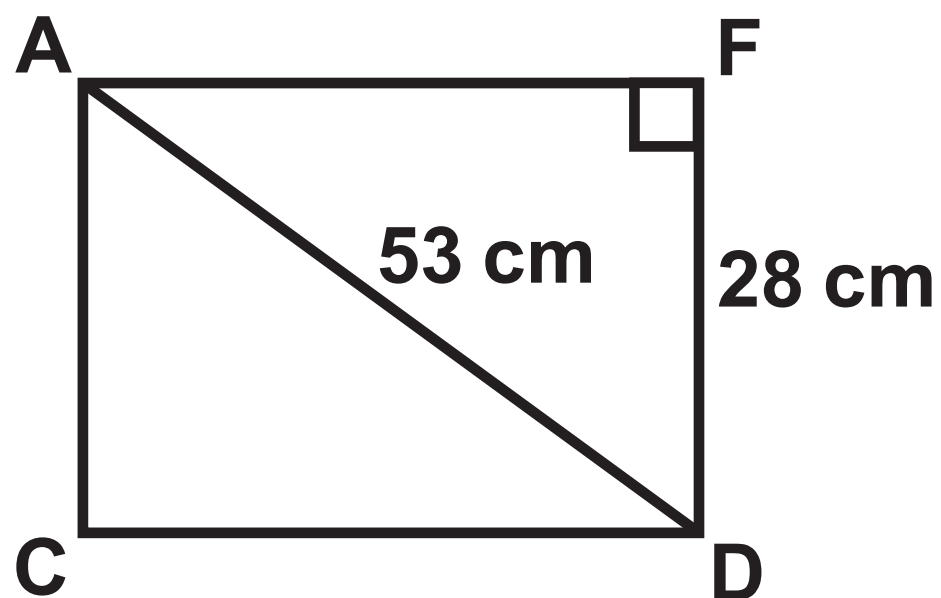


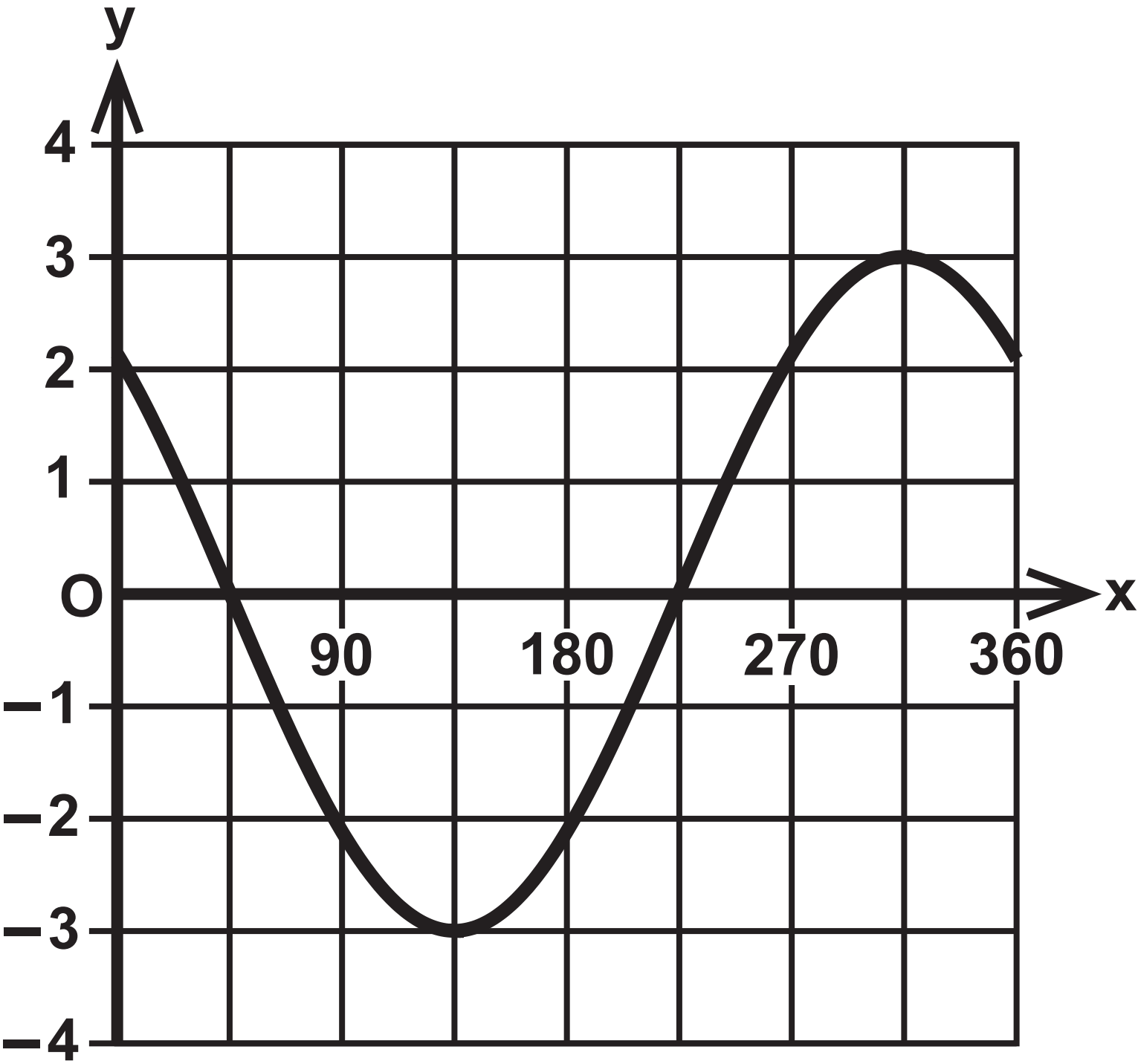
Diagram 3 – sloping face



Question 23

	solid A	solid B
Height (cm)	3^x	
Area (cm ²)	7776	486
Volume (cm ³)	8^x	2^{x+4}

Question 24(b)



Question 12(b)

