

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

Mathematics  
Paper 2  
(Calculator)  
Higher Tier

Thursday 4 June 2020 – 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.

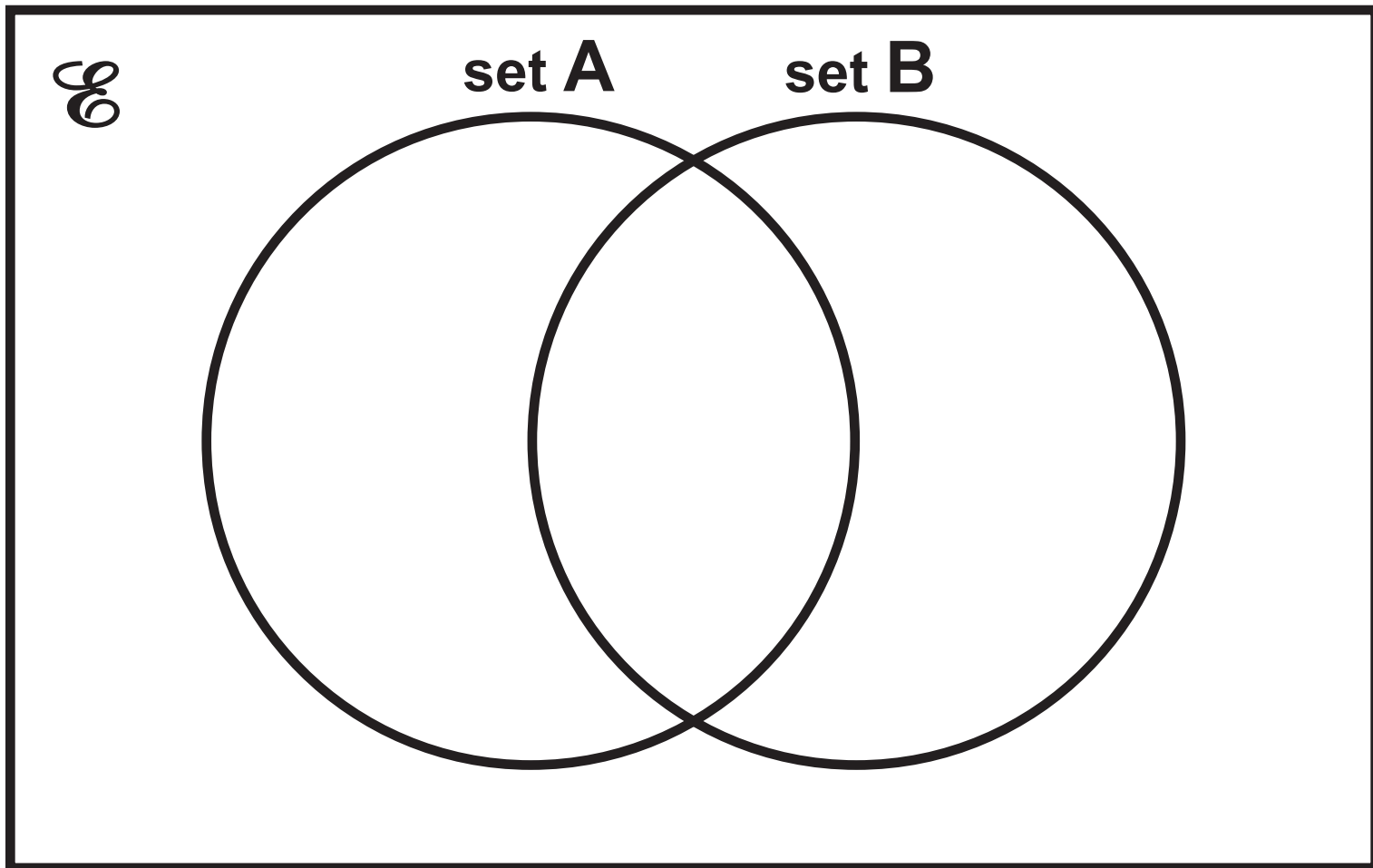
**THIS DIAGRAM BOOK **MUST** BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.**

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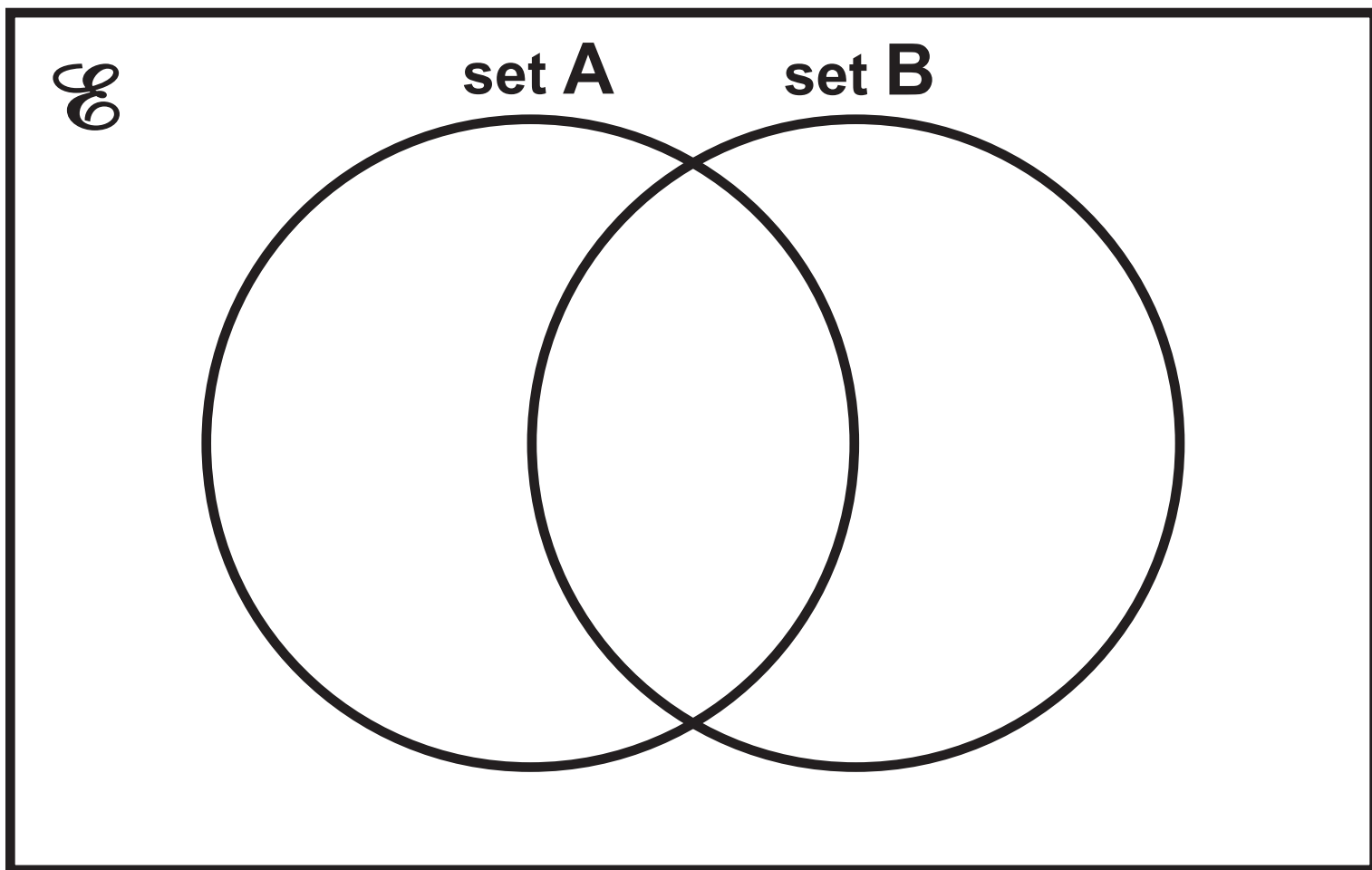
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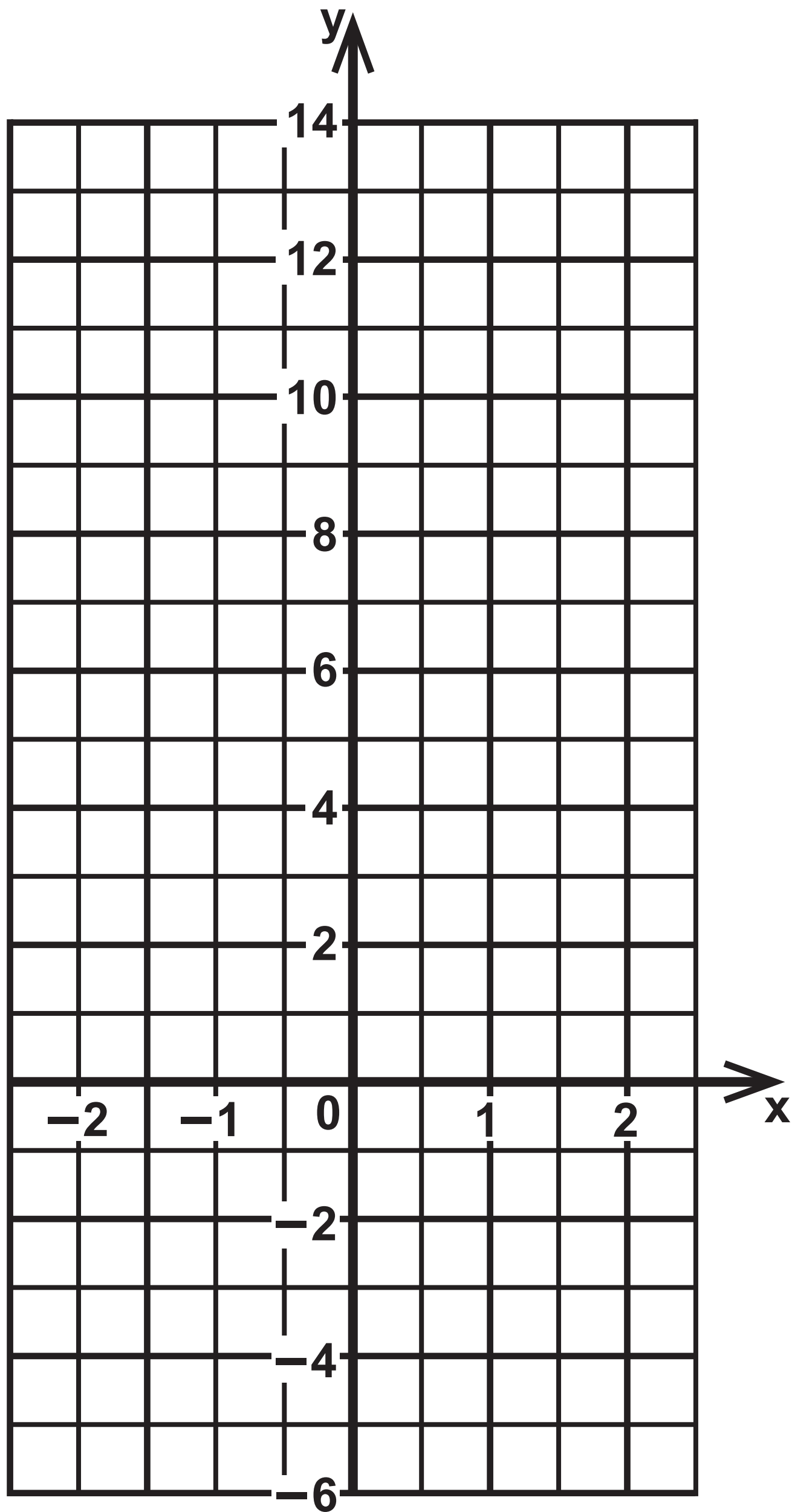
## Question 2



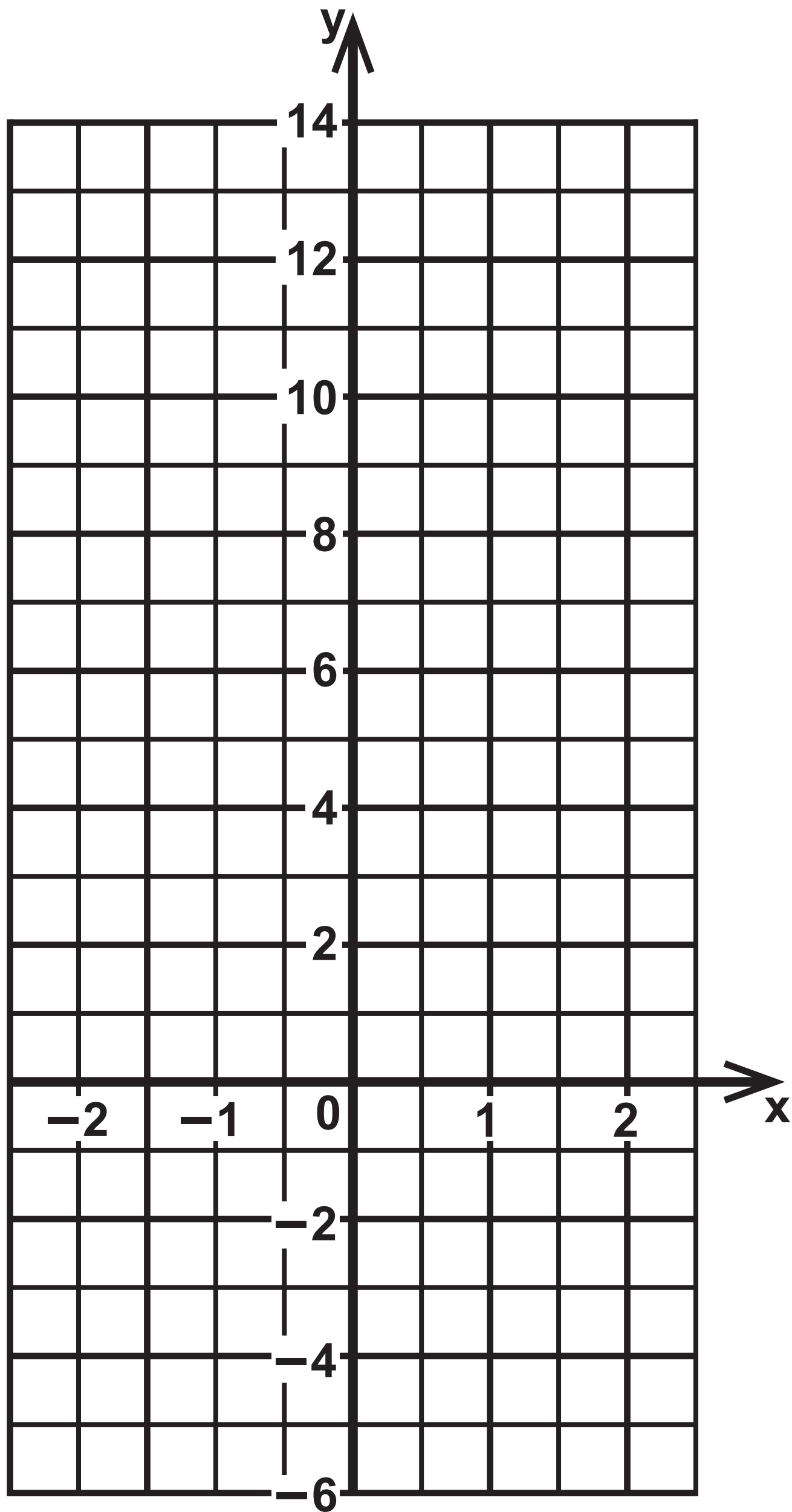
## Question 2



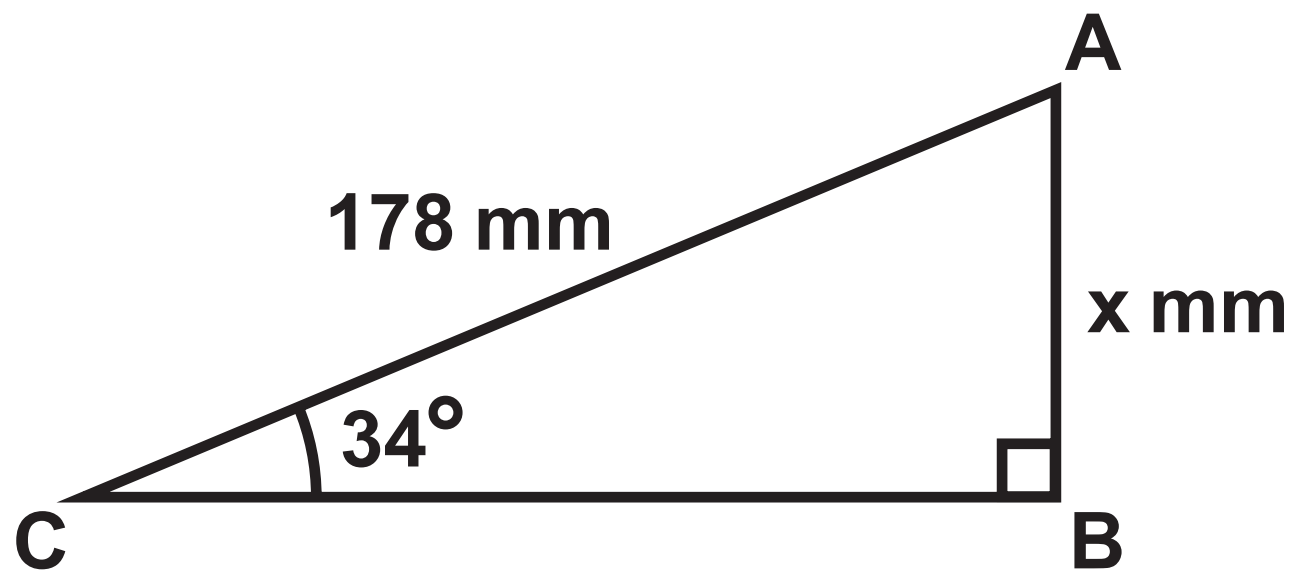
Question 4(b)



Question 4(b)

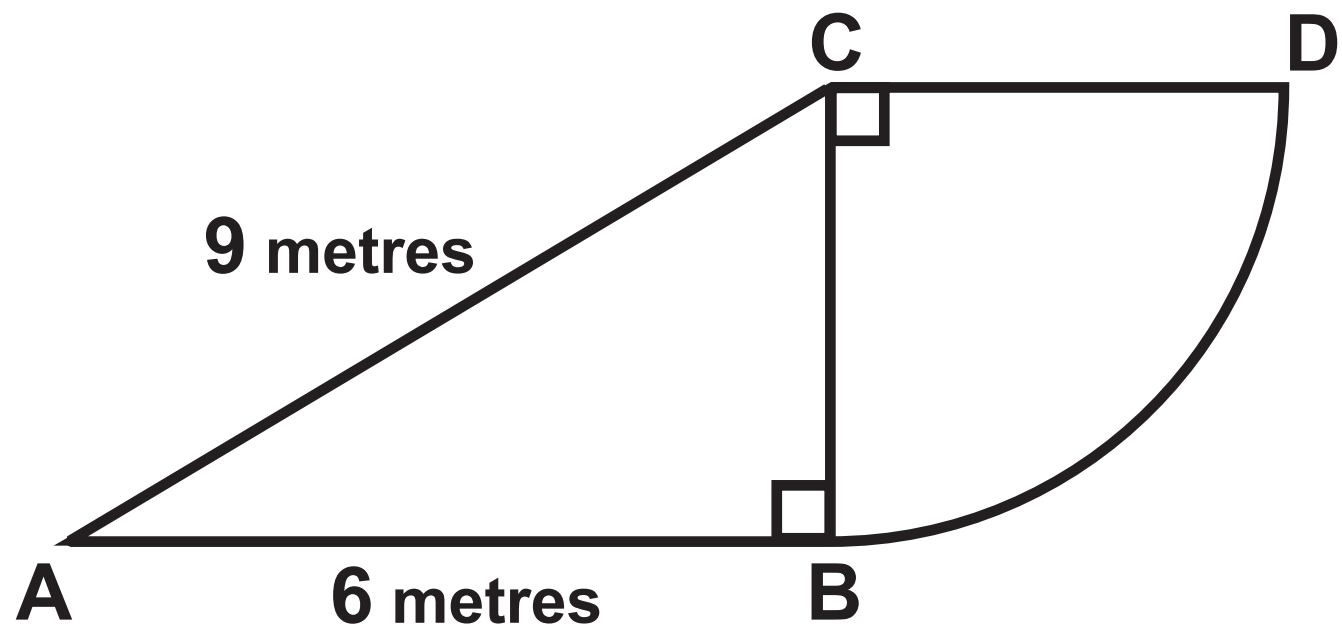


Question 5

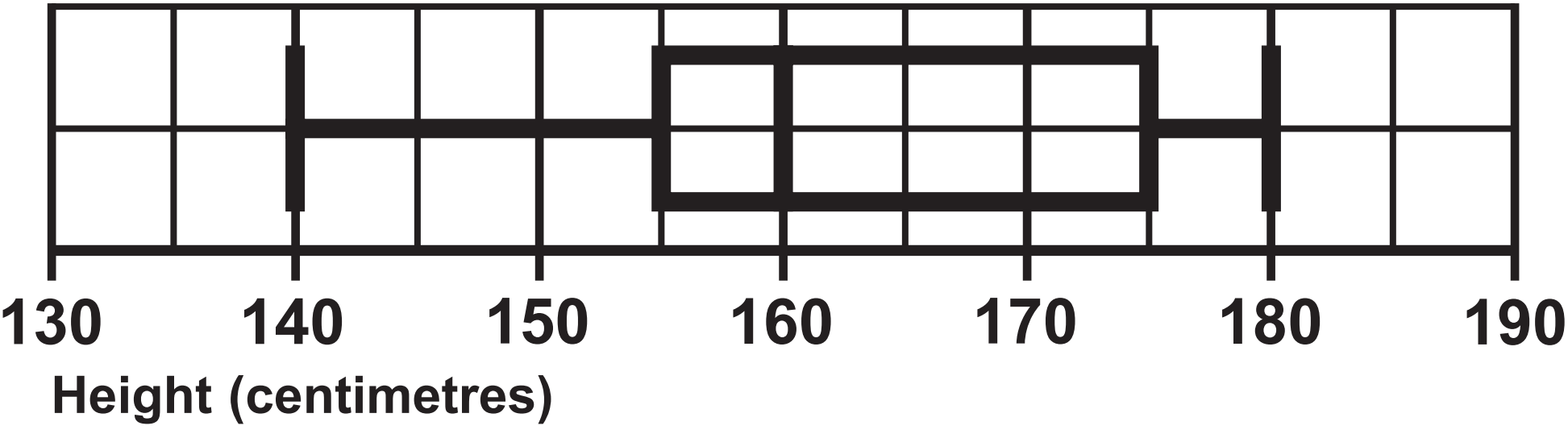




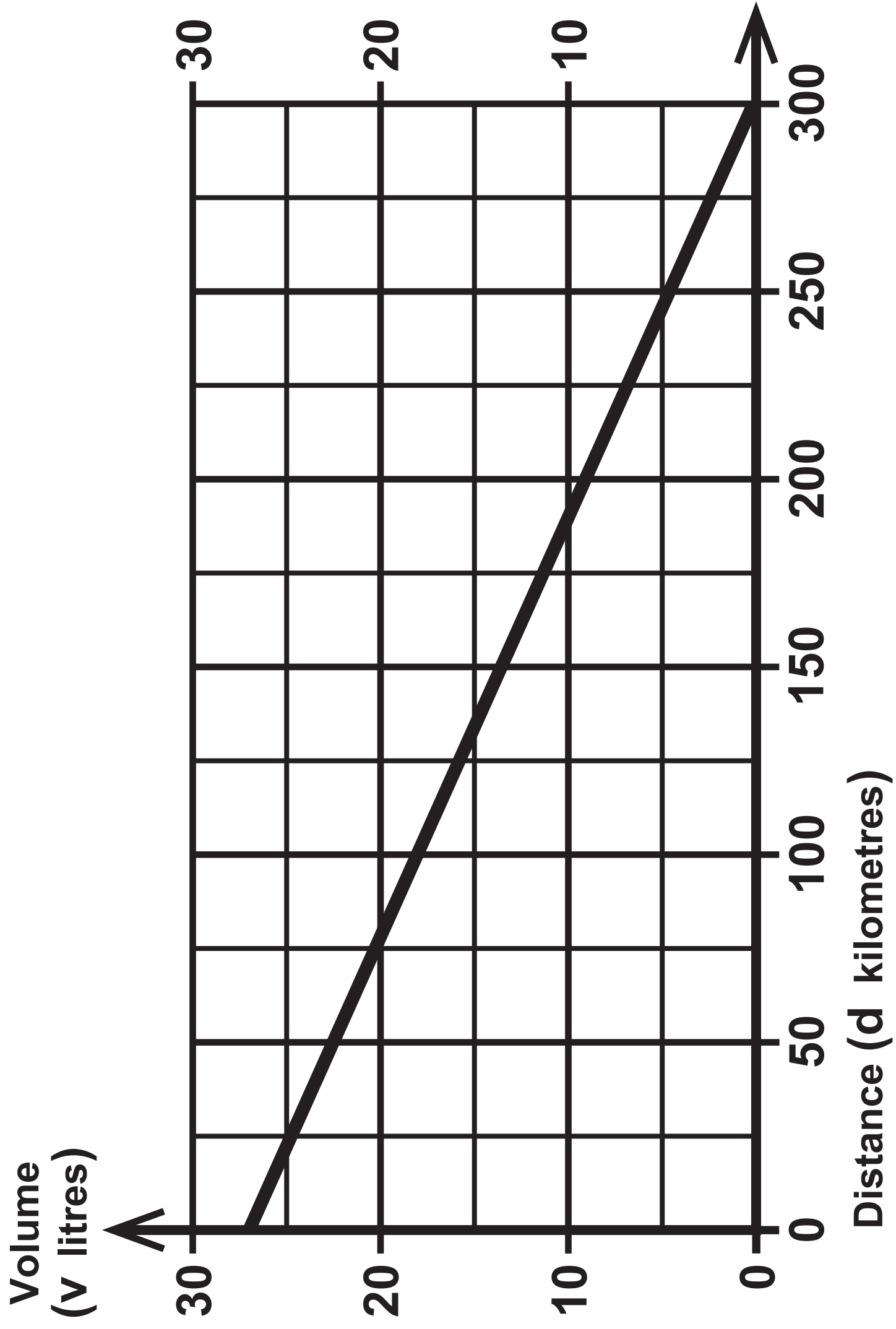
Question 7



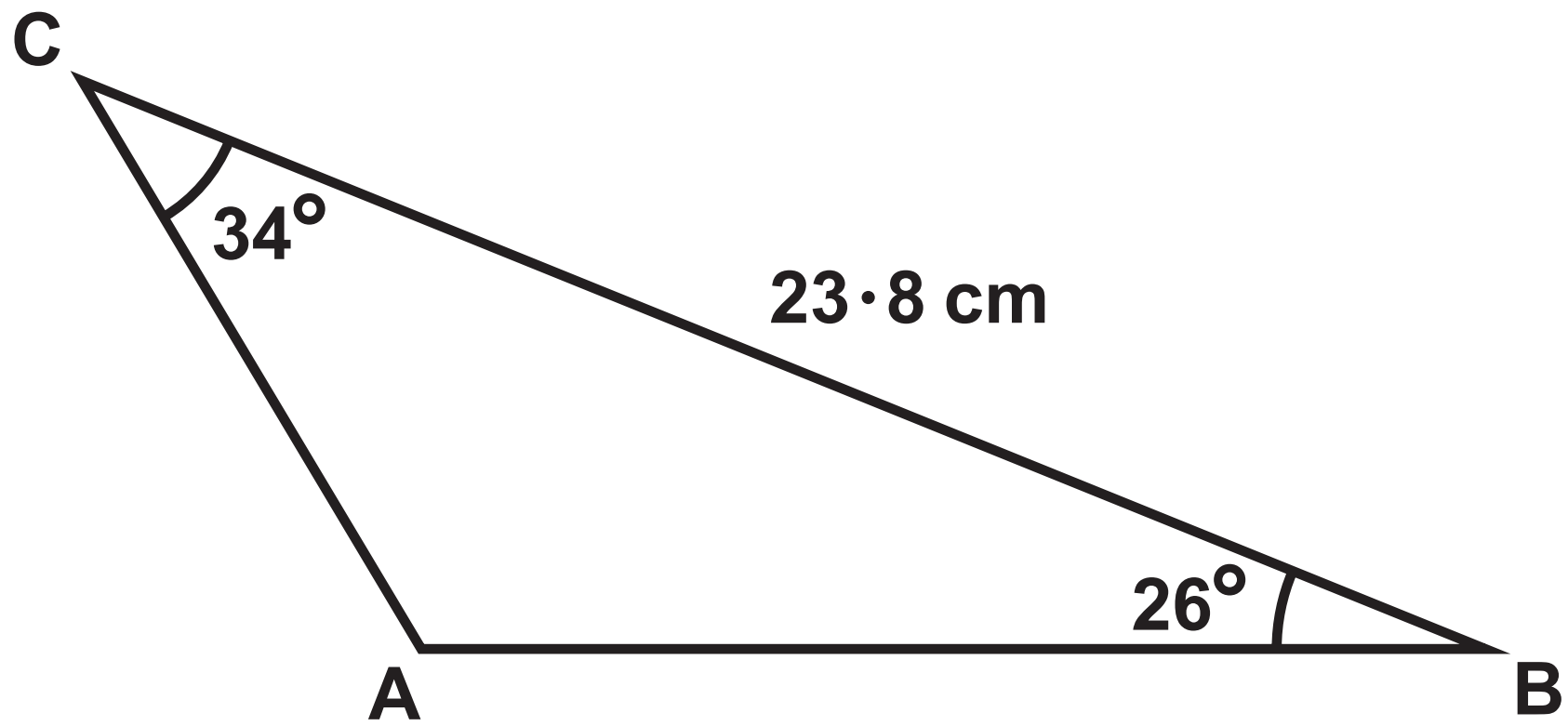
Question 9



Question 12

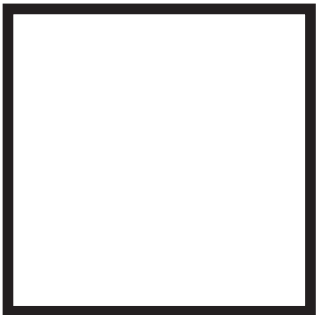


## Question 13

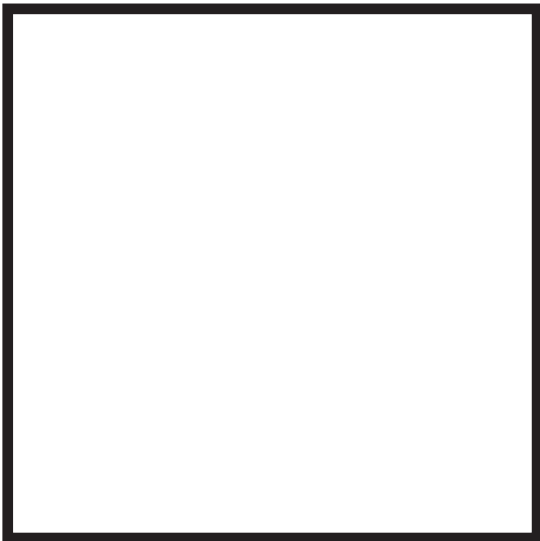


Question 14

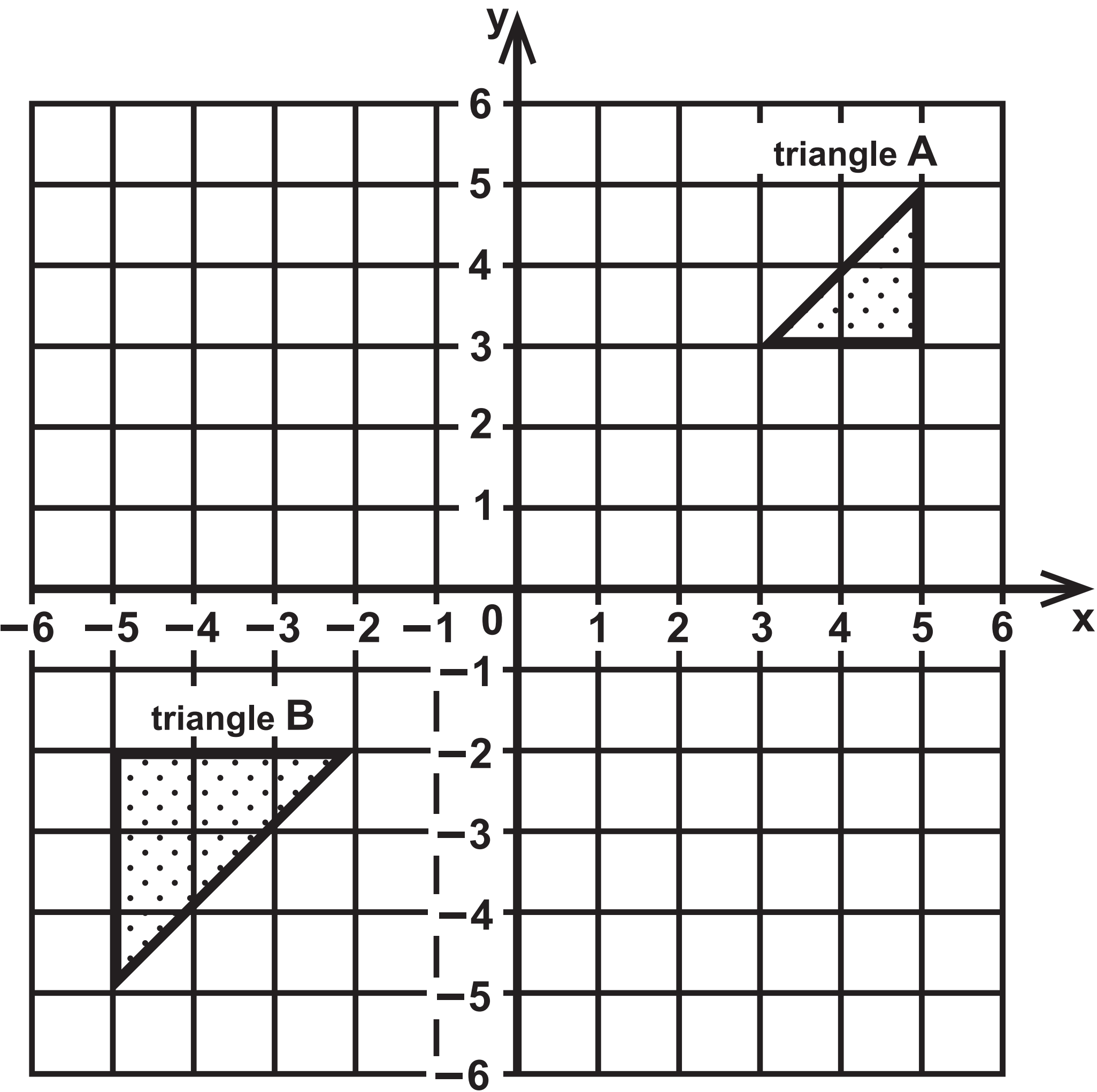
square **A**



square **B**



Question 15



Question 18

Curved surface  
area of cone =  $\pi rL$

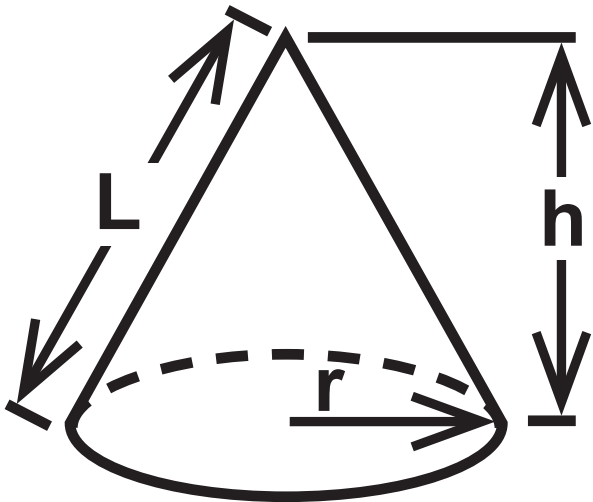
A diagram of a cone. The radius of the base is labeled 'r' with a horizontal arrow from the center to the edge. The height is labeled 'h' with a vertical double-headed arrow from the apex to the base. The slant height is labeled 'L' with an arrow along the side of the cone.

Diagram 1

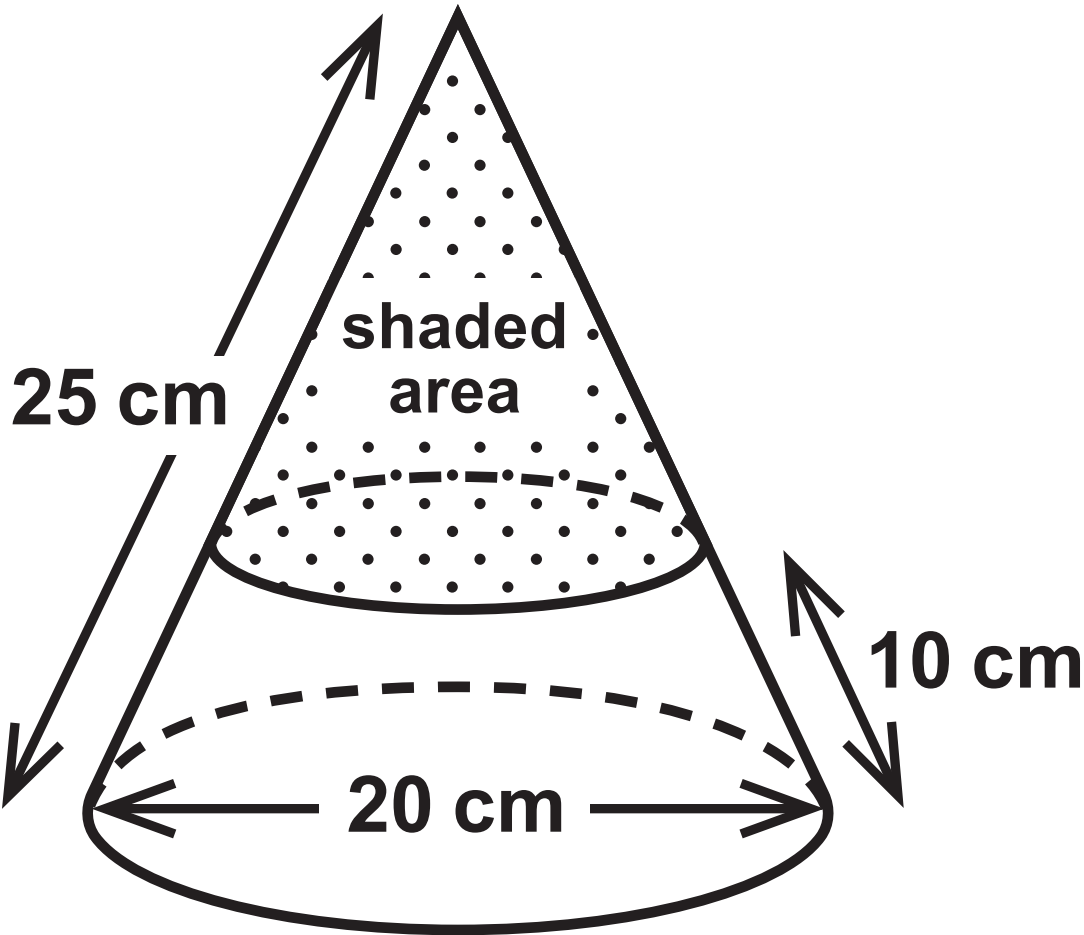
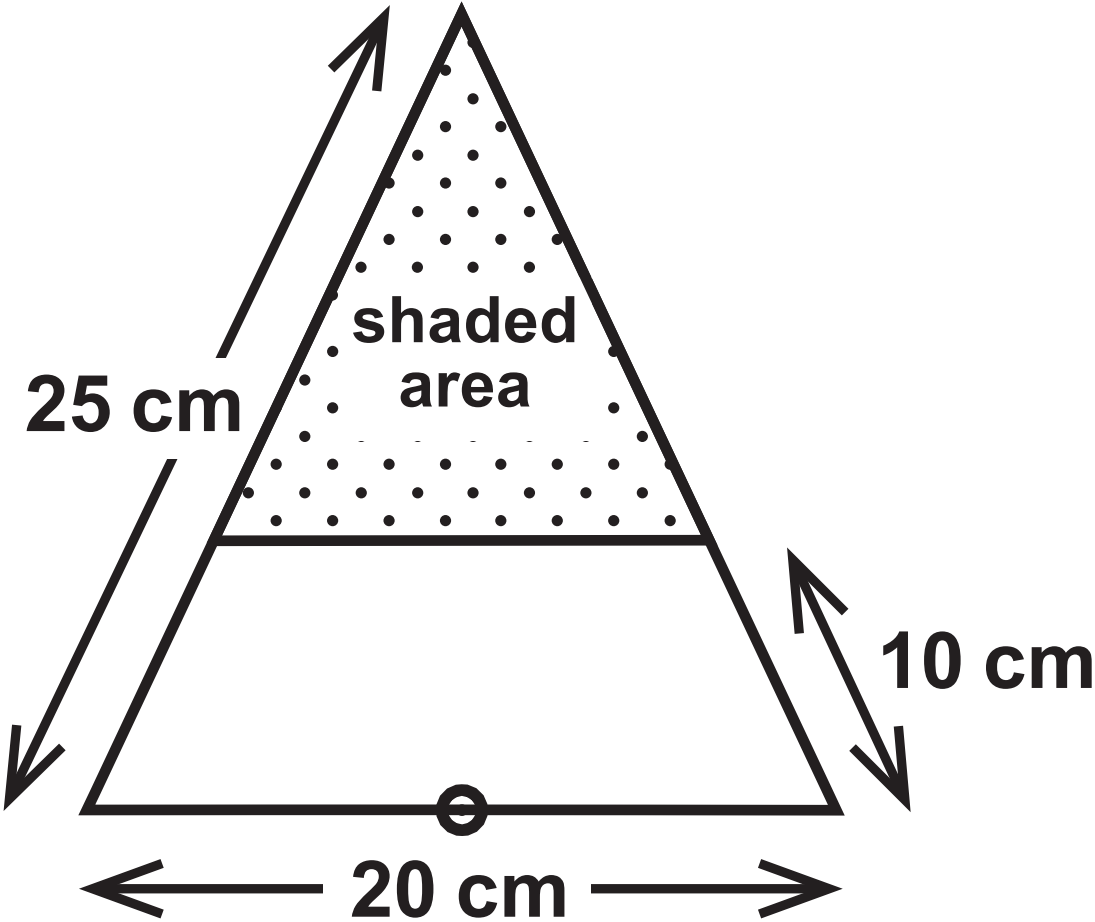
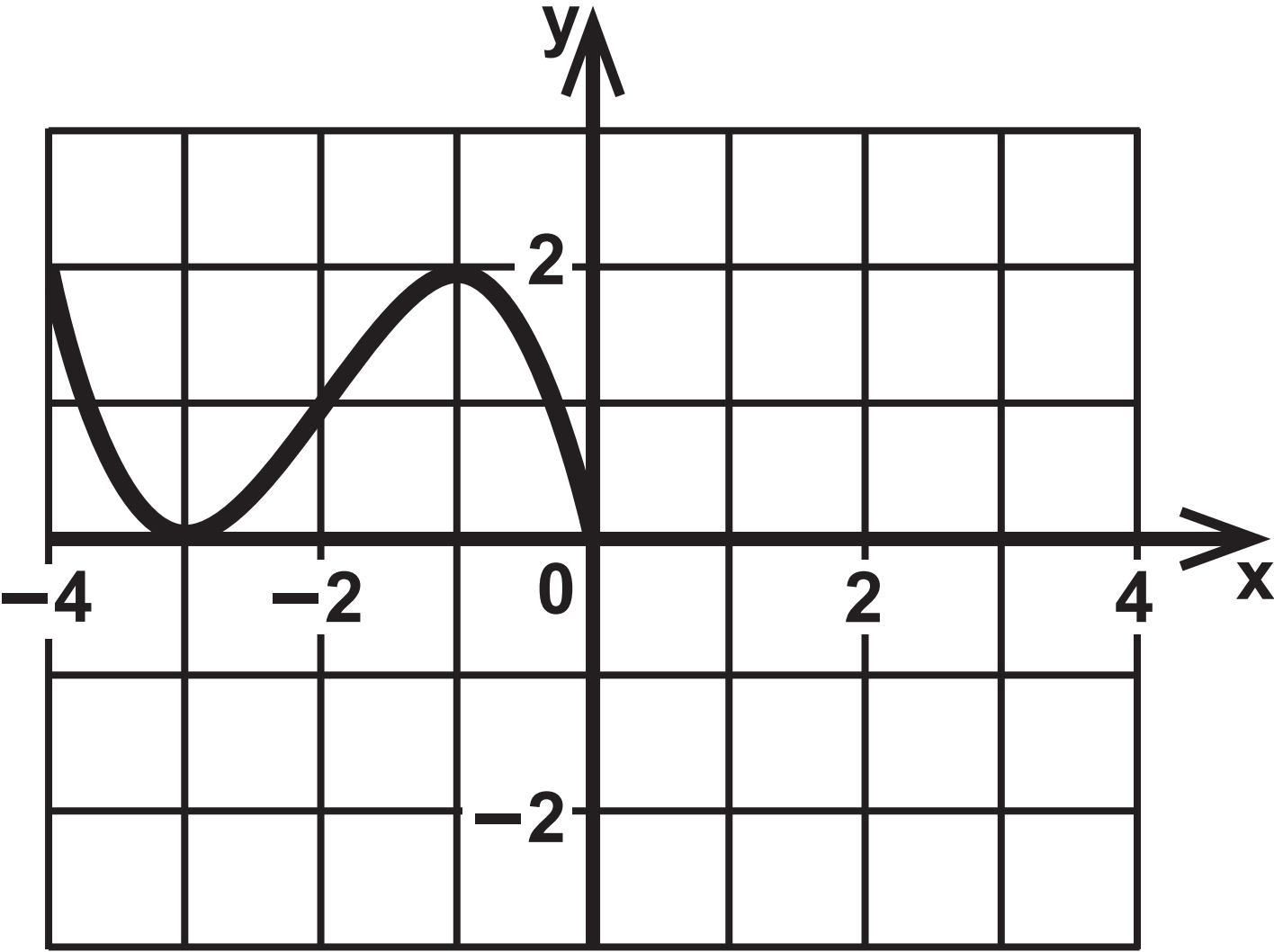


Diagram 2

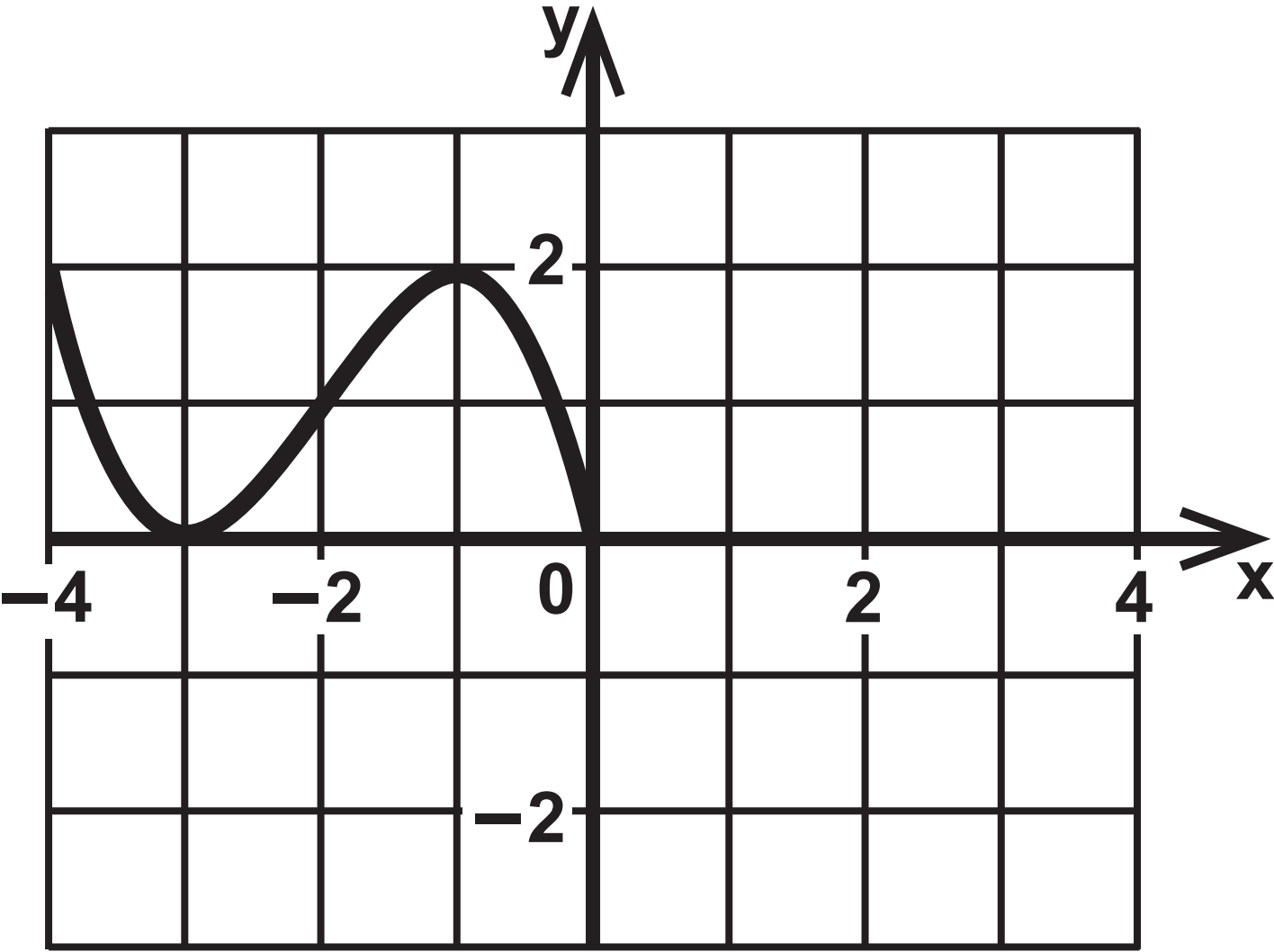


Question 21(a)





Question 21(a)



Question 21(b)

