

**Paper Reference 4MA1/2HR**  
**Pearson Edexcel**  
**International GCSE**

**Mathematics A**  
**PAPER: 2HR**  
**Higher Tier**  
**(Calculator)**

# Diagram Booklet

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

## INSTRUCTIONS

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

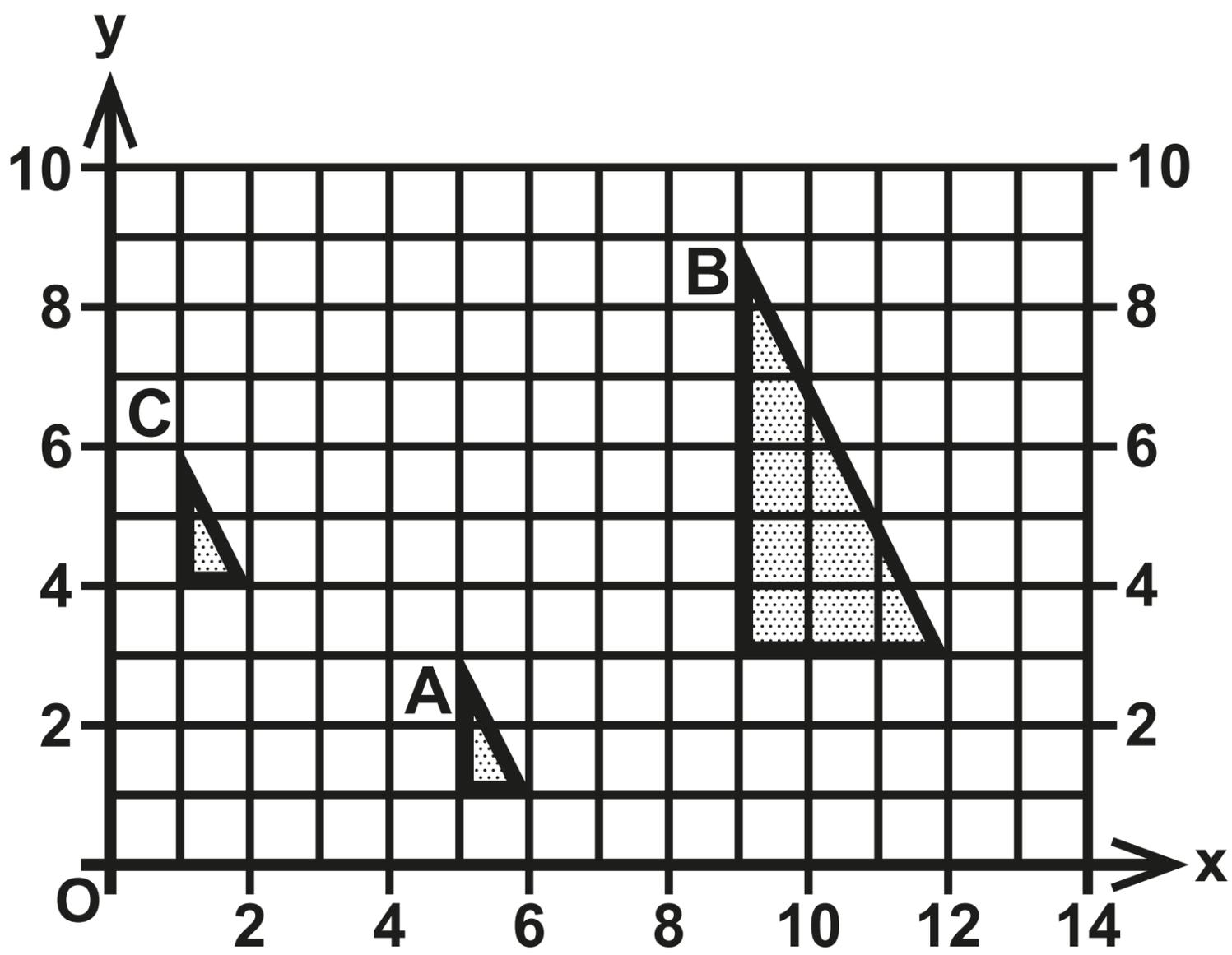
**THIS DIAGRAM BOOKLET MUST BE RETURNED  
WITH THE QUESTION PAPER AT THE END OF THE  
EXAMINATION.**

## Contents

### Page

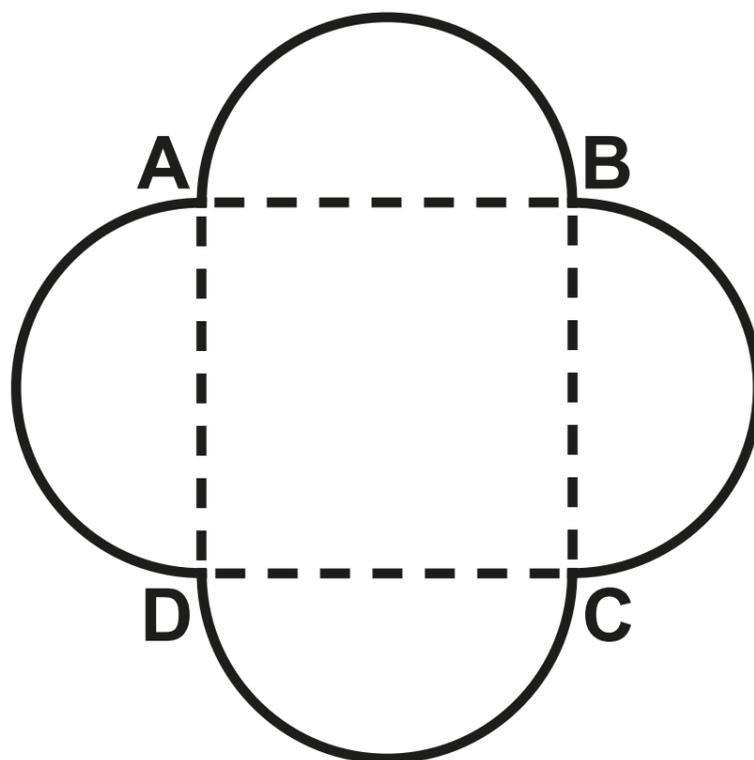
- 4 Question 1
- 5 Question 5 (NOT accurately drawn)
- 6 Question 9
- 7 Question 10 (NOT accurately drawn)
- 8 Question 11
- 9 Question 11 (Spare copy)
- 10 Question 12 (NOT accurately drawn)
- 11 Question 13 (NOT accurately drawn)
- 12 Question 15 (NOT accurately drawn)
- 13 Question 16
- 14 Question 22(b)
- 15 Question 24 (NOT accurately drawn)
- 16 Question 25 (NOT accurately drawn)

Question 1



Question 5

Diagram NOT accurately drawn

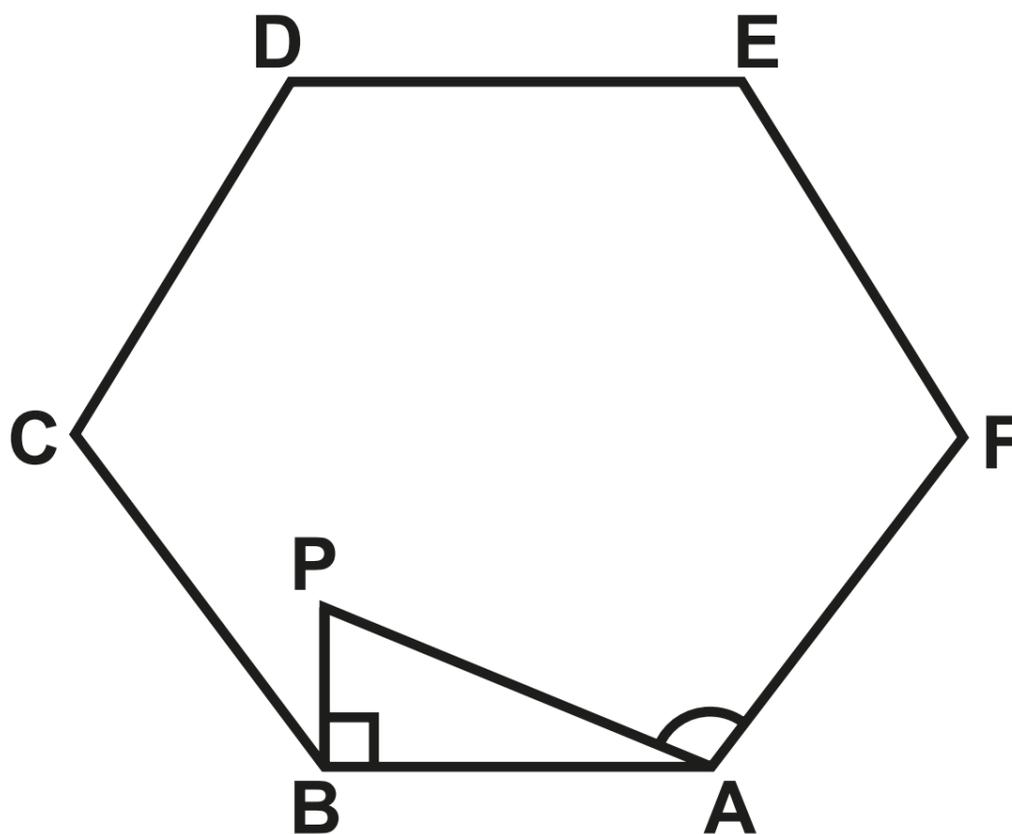


## Question 9

<b>City</b>	<b>Population (2018)</b>
<b>Ahmedabad</b>	<b><math>7.7 \times 10^6</math></b>
<b>Barcelona</b>	<b><math>5.5 \times 10^6</math></b>
<b>Chicago</b>	<b><math>8.8 \times 10^6</math></b>
<b>Lagos</b>	<b><math>1.3 \times 10^7</math></b>
<b>Tokyo</b>	<b><math>3.7 \times 10^7</math></b>

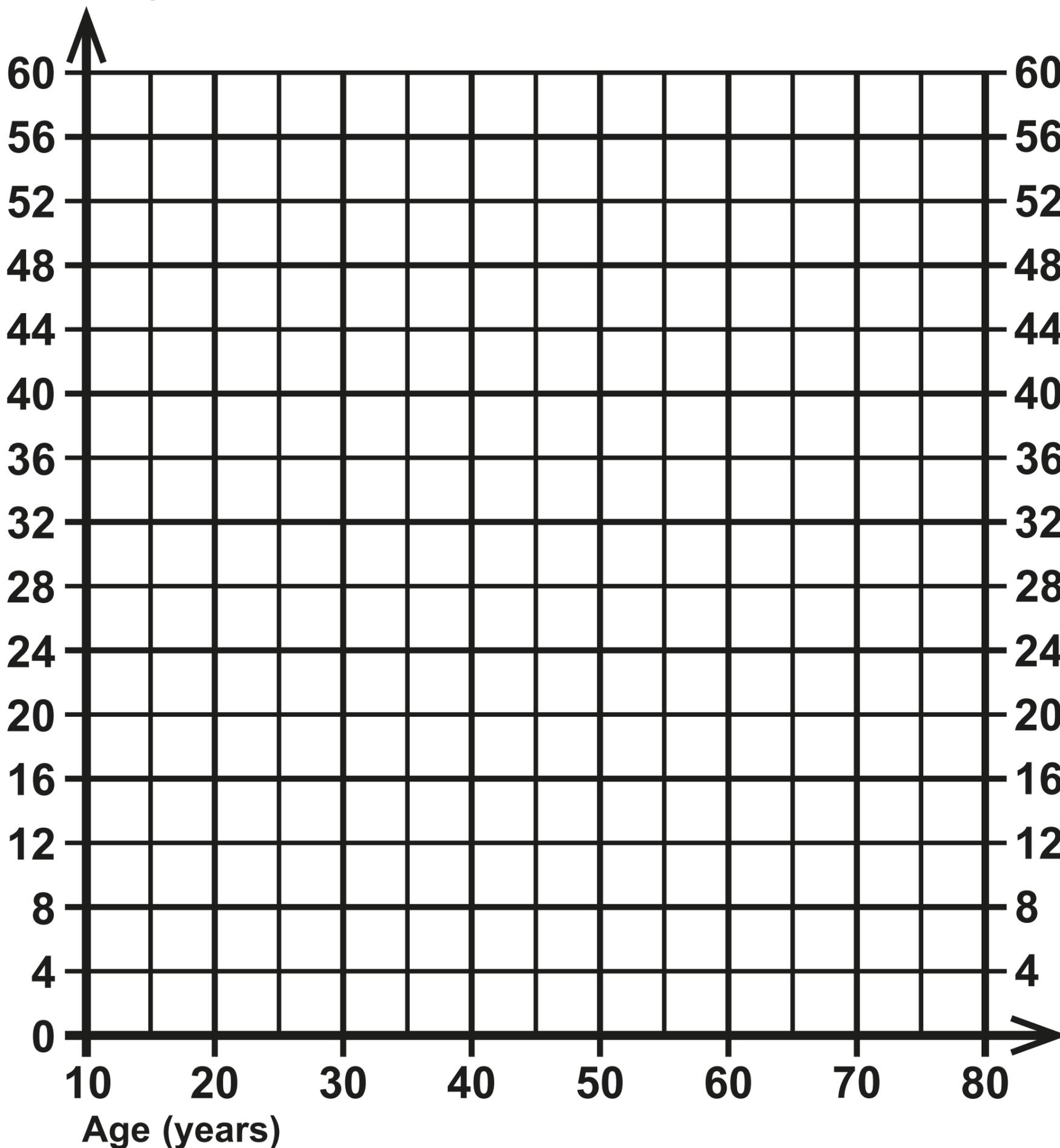
Question 10

Diagram NOT accurately drawn



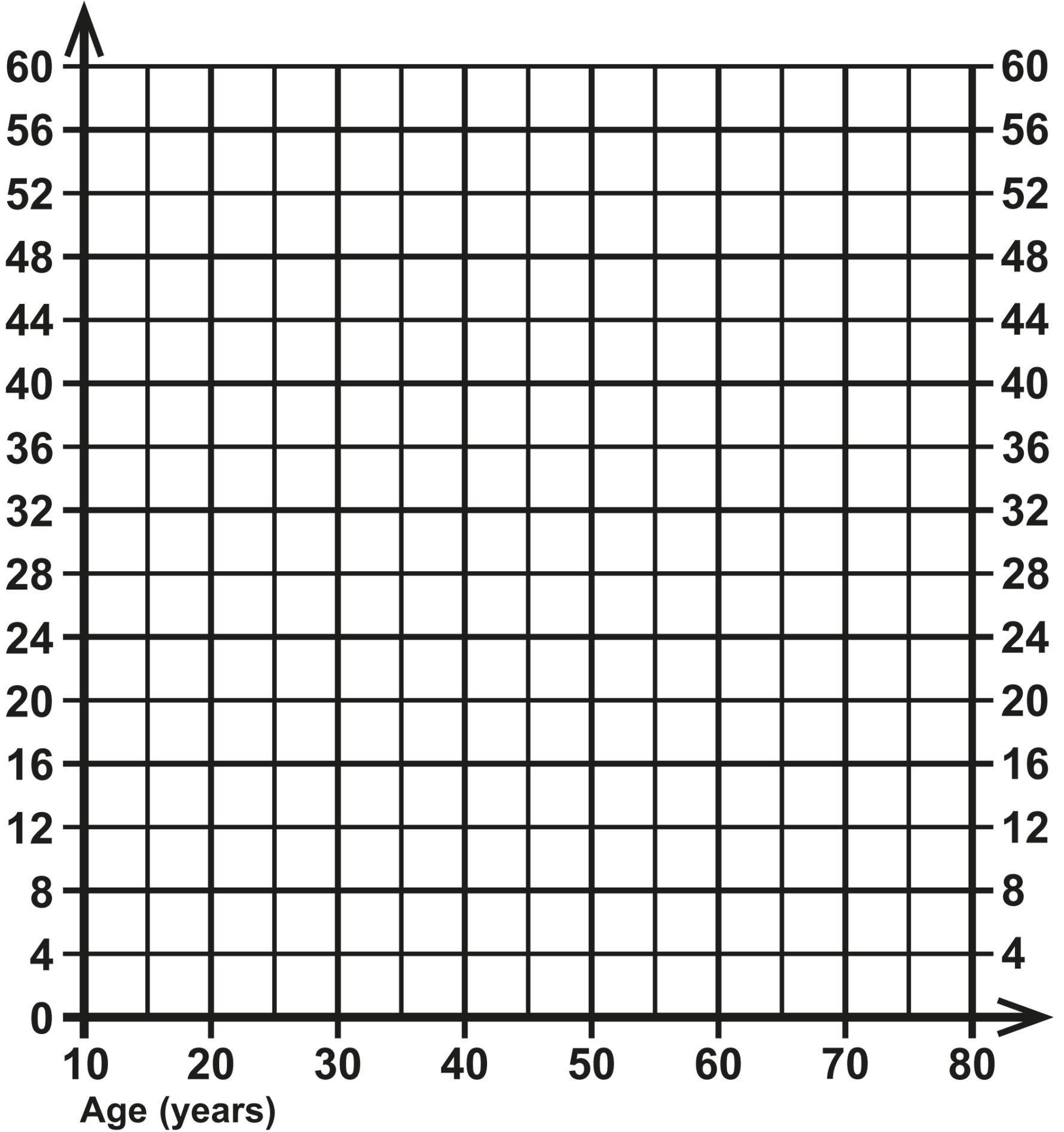
Question 11

Cumulative frequency



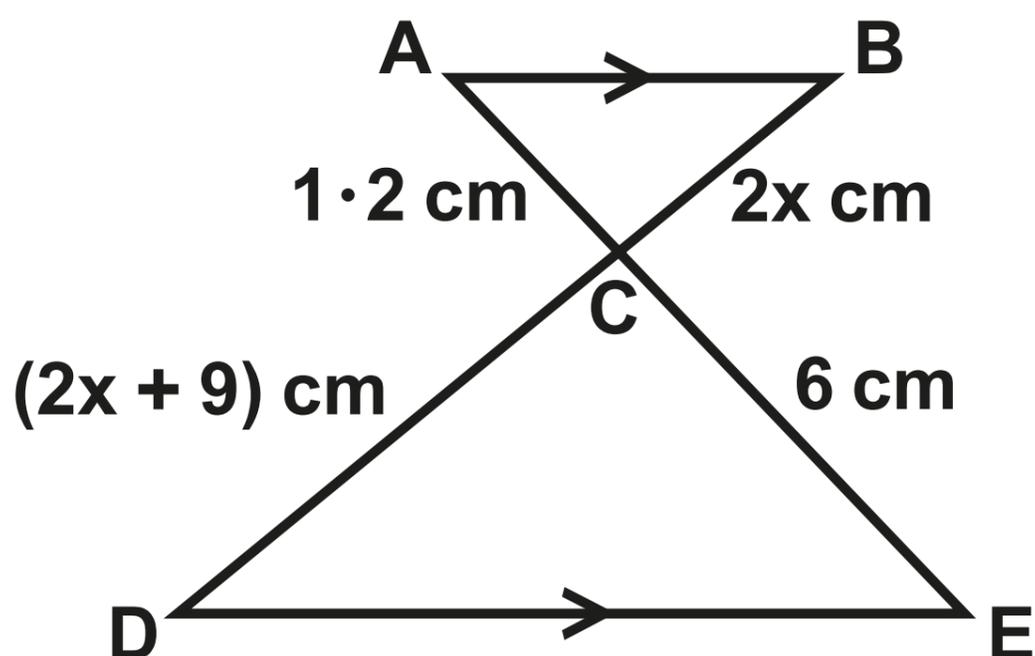
Question 11

Cumulative  
frequency



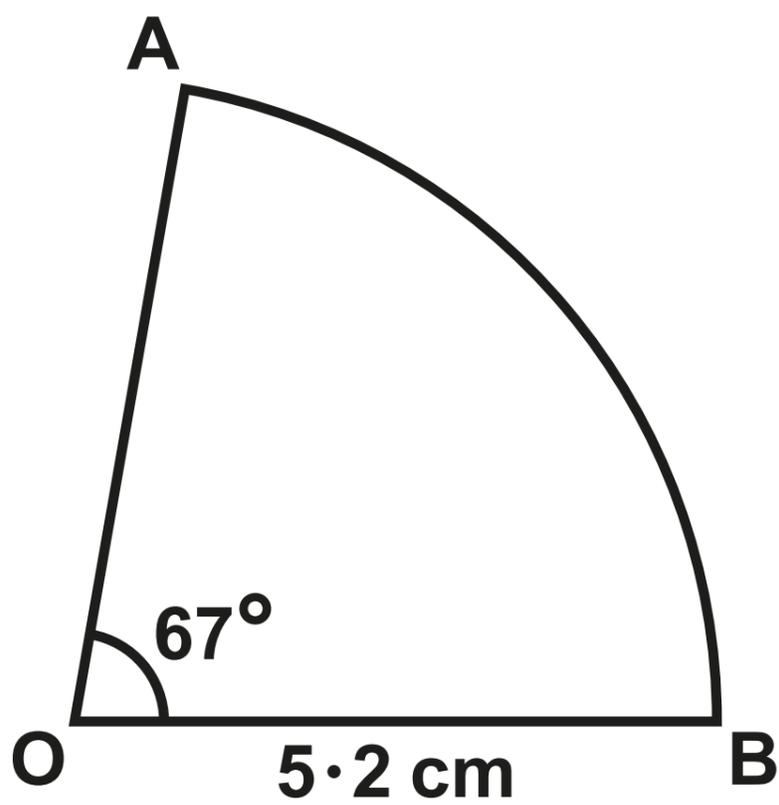
## Question 12

Diagram NOT accurately drawn



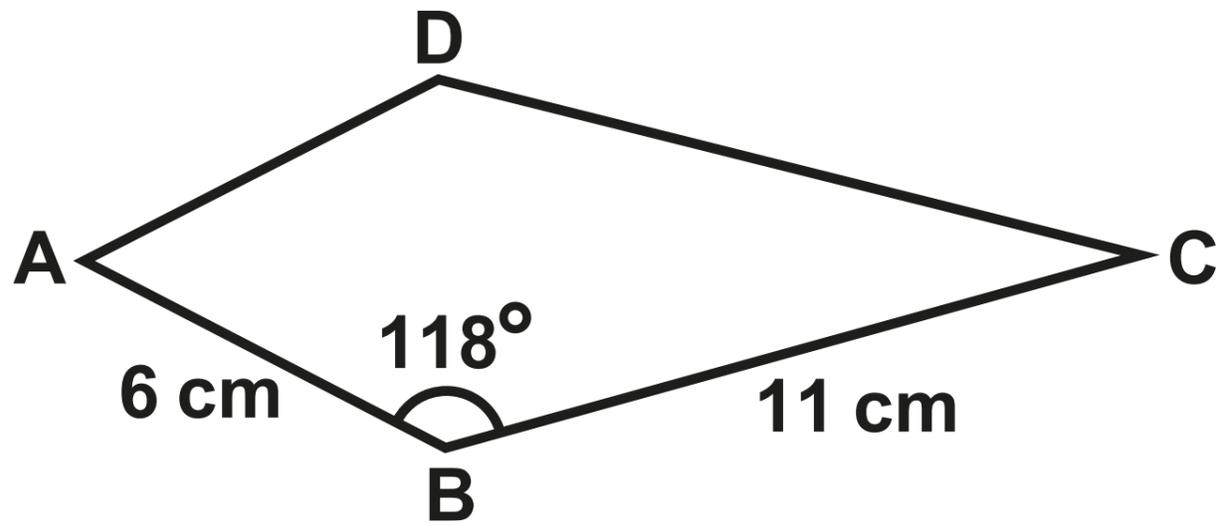
## Question 13

Diagram NOT accurately drawn



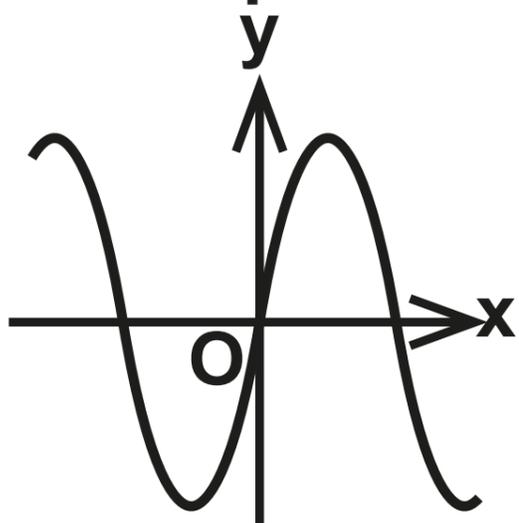
## Question 15

Diagram NOT accurately drawn

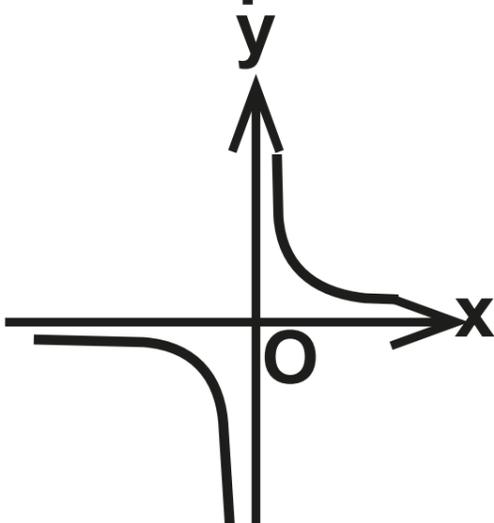


Question 16

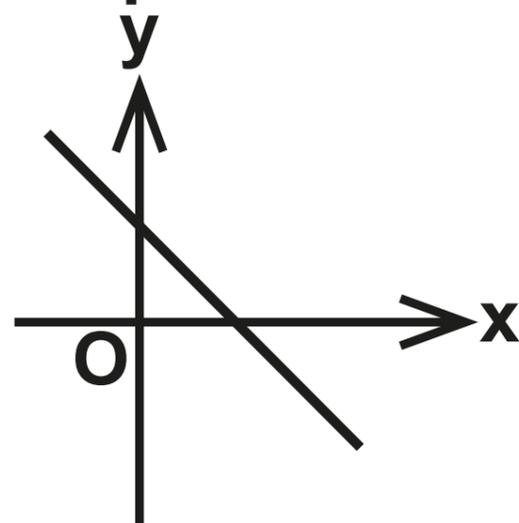
Graph A



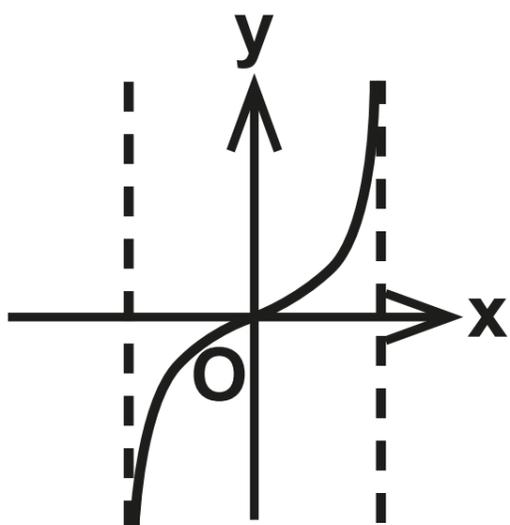
Graph B



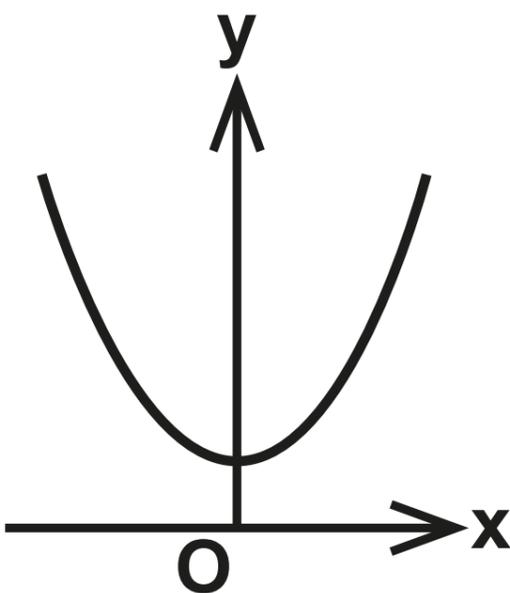
Graph C



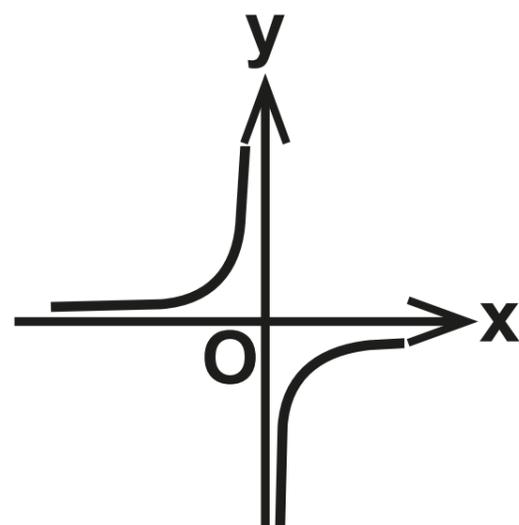
Graph D



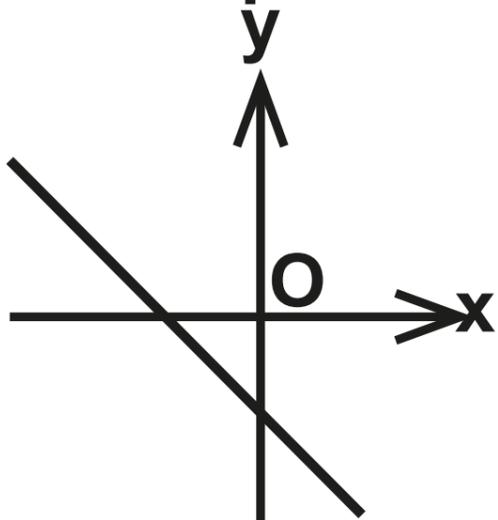
Graph E



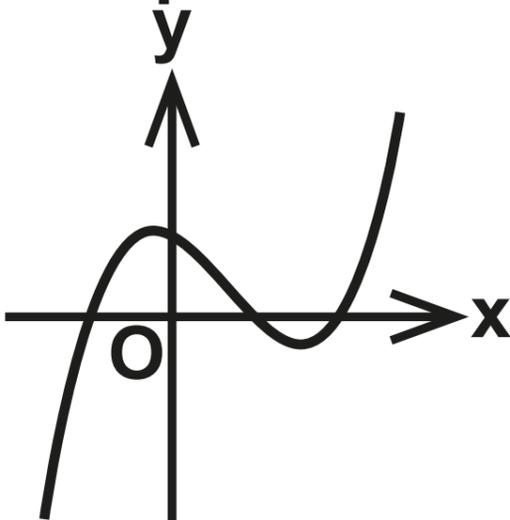
Graph F



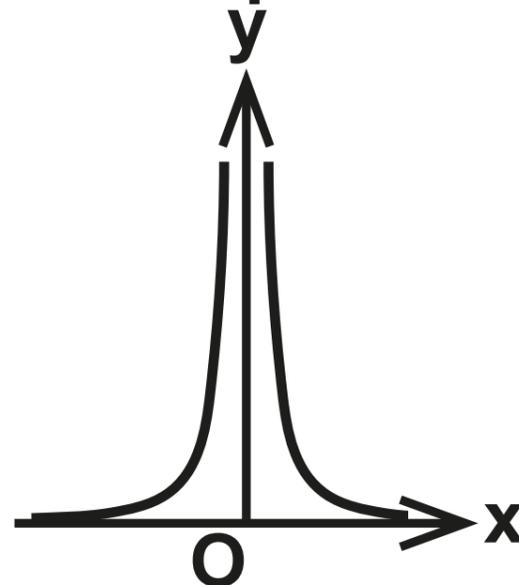
Graph G



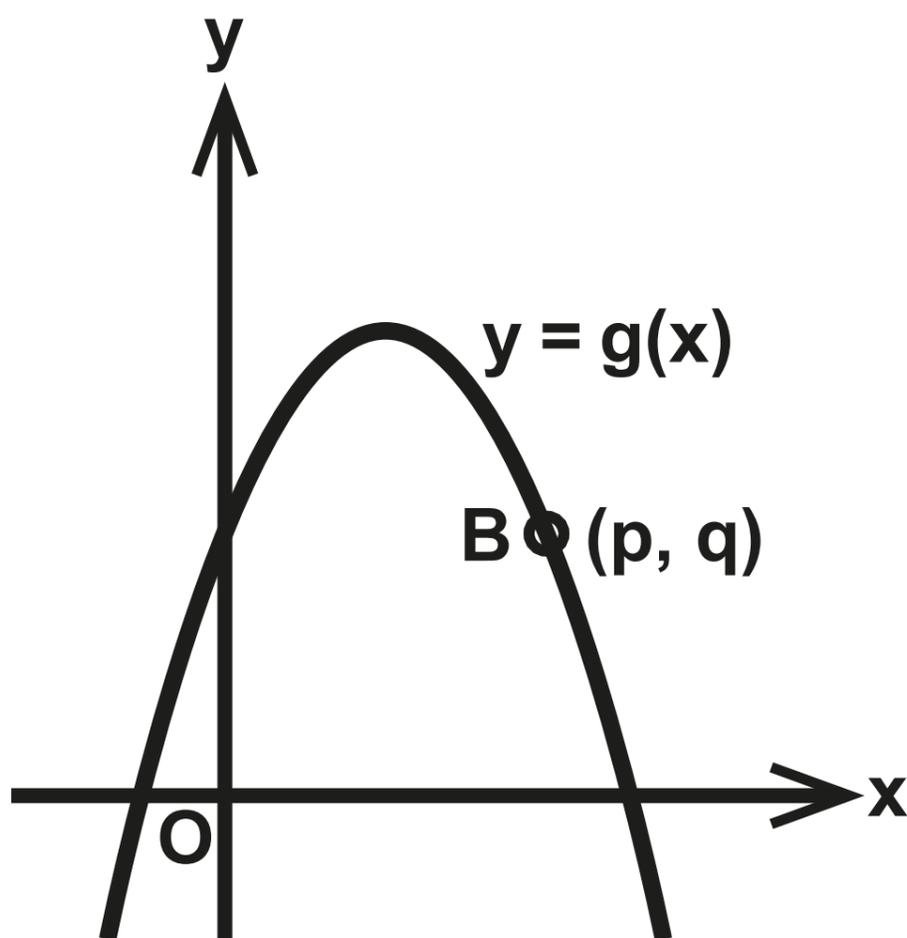
Graph H



Graph I



## Question 22(b)



Question 24

Diagram NOT accurately drawn

Diagram 1  
Solid A

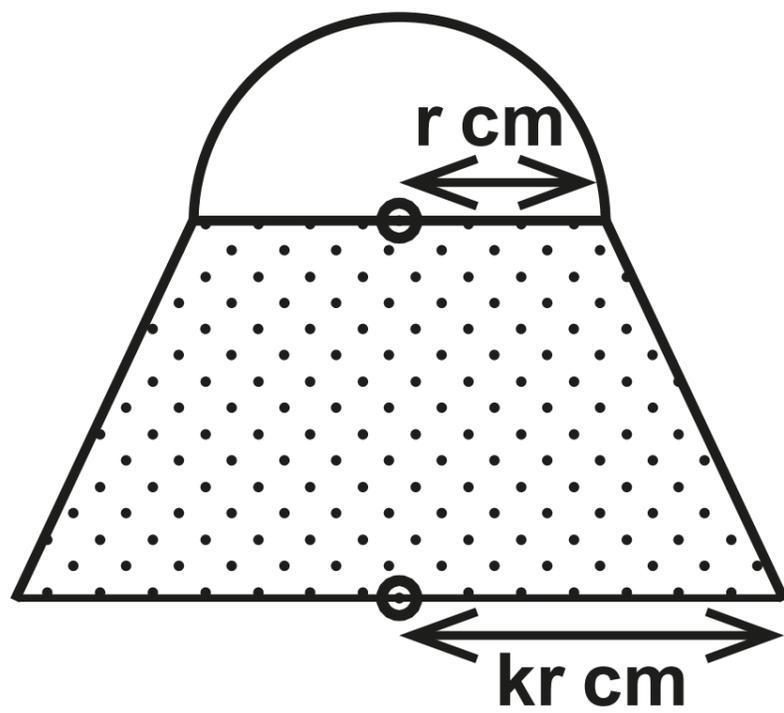
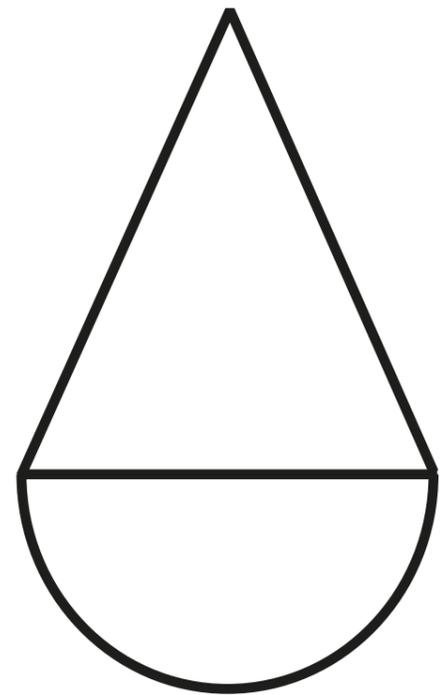


Diagram 2  
Solid B



Question 25

Diagram NOT accurately drawn

