Mathematics A
PAPER 1F
Foundation Tier
(Calculator)

Pearson

Diagram Booklet

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

Surname	
Other names	
Centre Number	
Candidate Number	

Pearson

INSTRUCTIONS

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

<div style="border: 2px solid black;">

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

</div>

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$\frac{2}{8}$	
$\frac{3}{9}$	
$\frac{5}{25}$	
$\frac{7}{28}$	
$\frac{8}{40}$	

Question 1(a)

$\frac{2}{8}$	
$\frac{3}{9}$	
$\frac{5}{25}$	
$\frac{7}{28}$	
$\frac{8}{40}$	

Question 1(b) and Question 1(c)
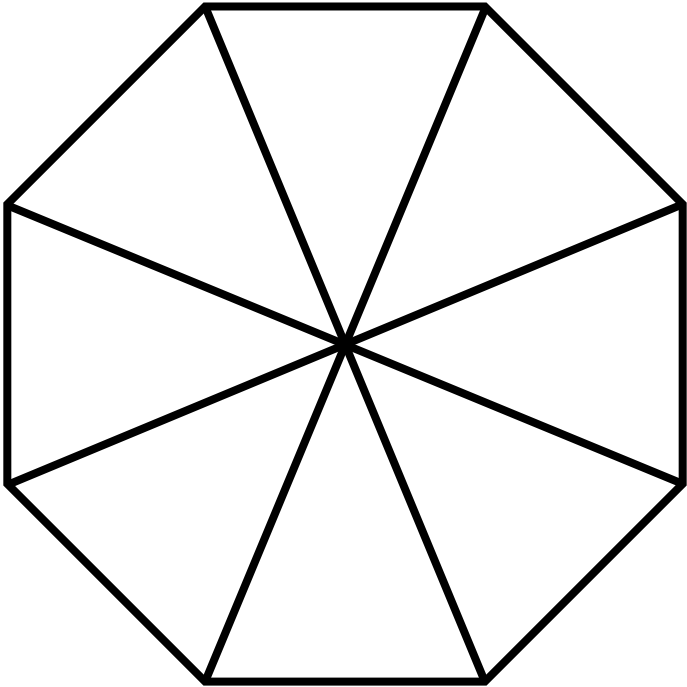
Question 1(b) and Question 1(c)
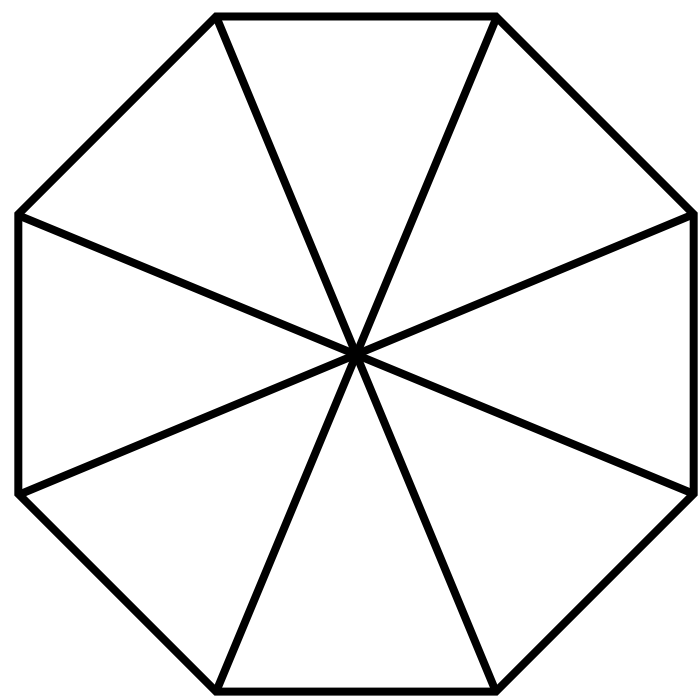
Question 2

Team	Average number of spectators per match
Valencia	38 699
Barcelona	65 731
Athletic Bilbao	37 378
Sevilla	33 069
Real Madrid	65 027

Question 3

Number of text messages

Susan ⋮⋮⋮ Philip ⧄

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Susan	40	30	8	19	50	60	
Philip	55	30	40	9	30	40	
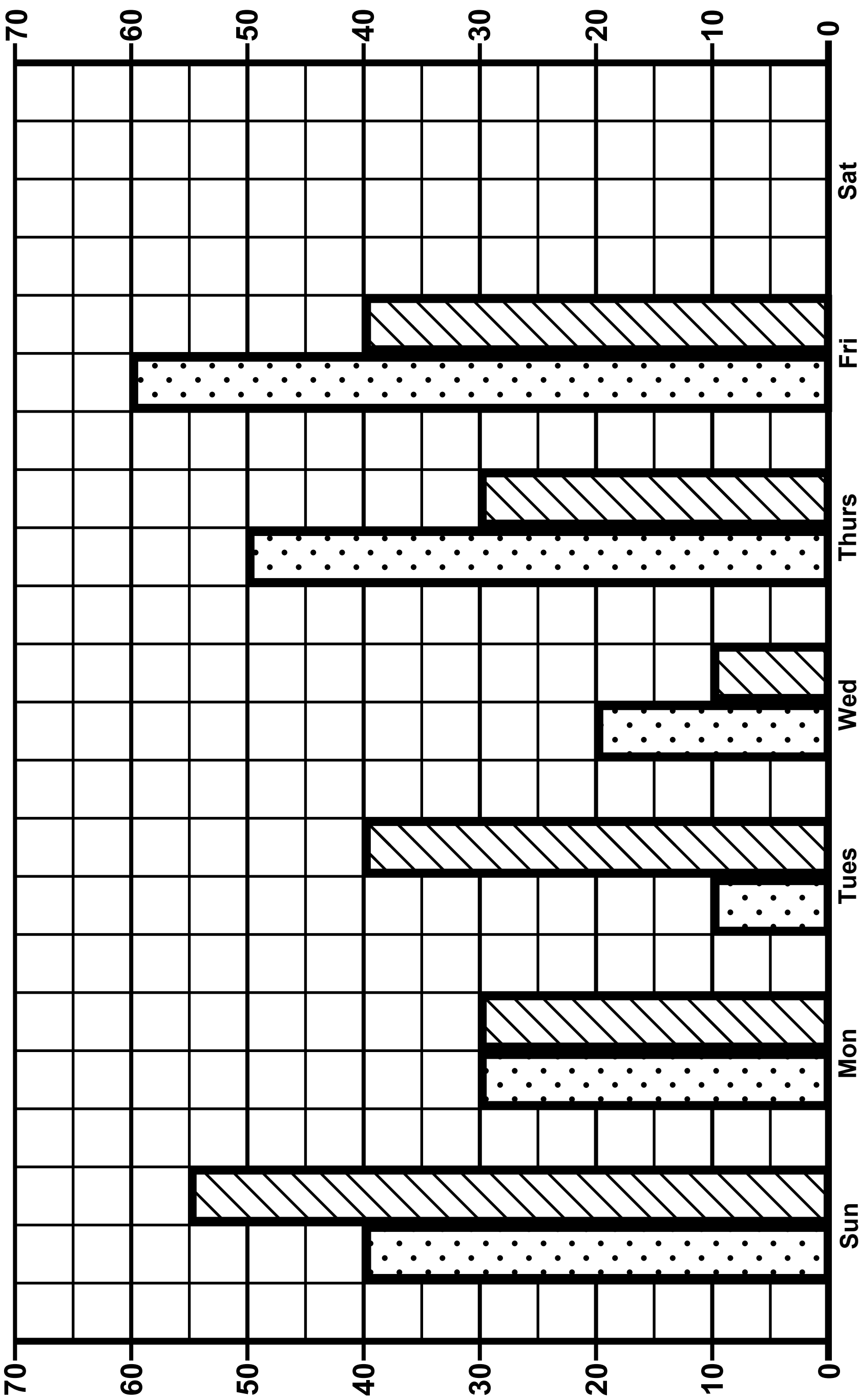
Question 3

Number of text messages

Susan [∴] Philip [/]
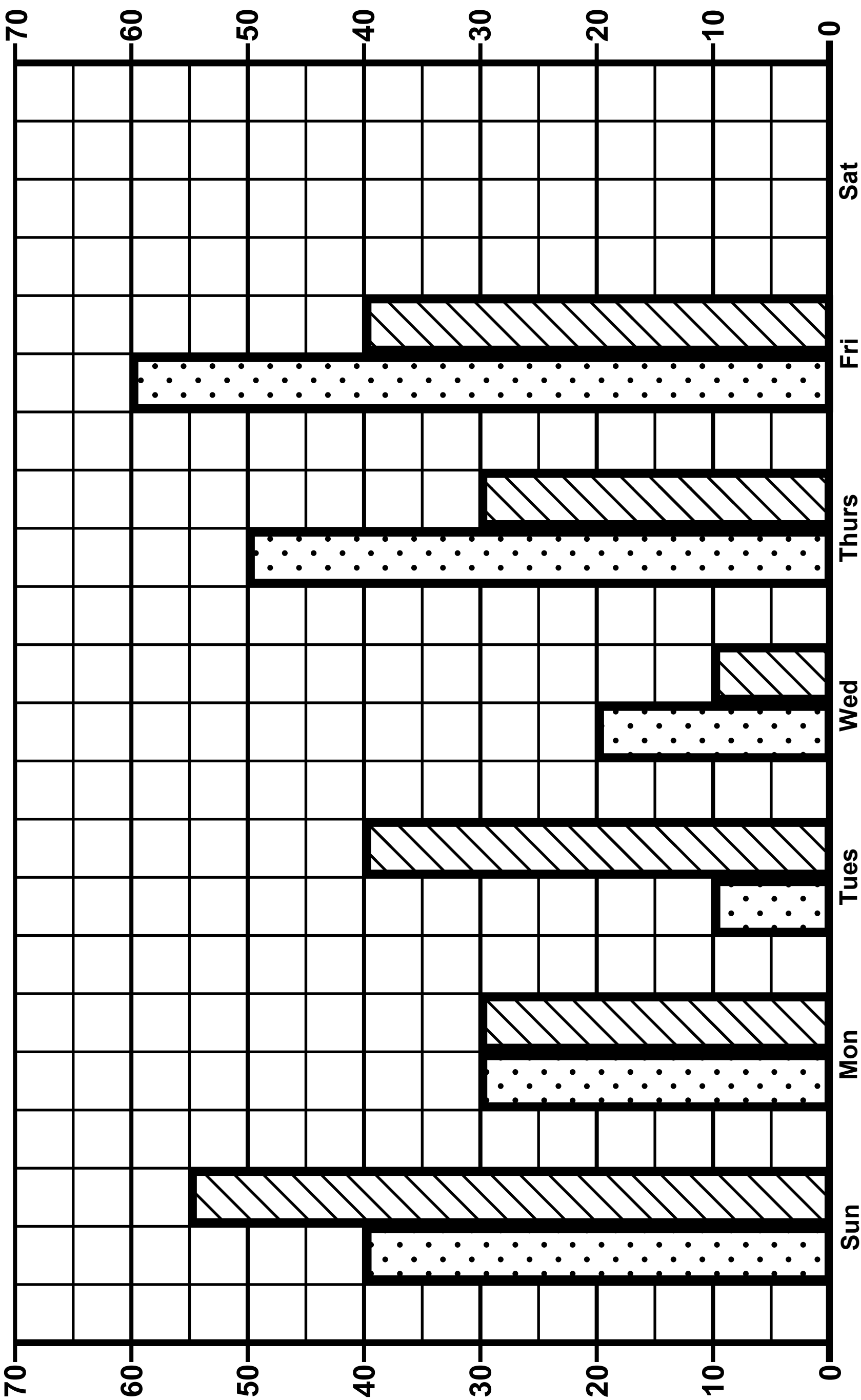
Question 4

City	Midnight temperature (°C)	Midday temperature (°C)
Boston	−2	14
Houston	11	20
Chicago	−8	7
Detroit	−7	−1

Question 6
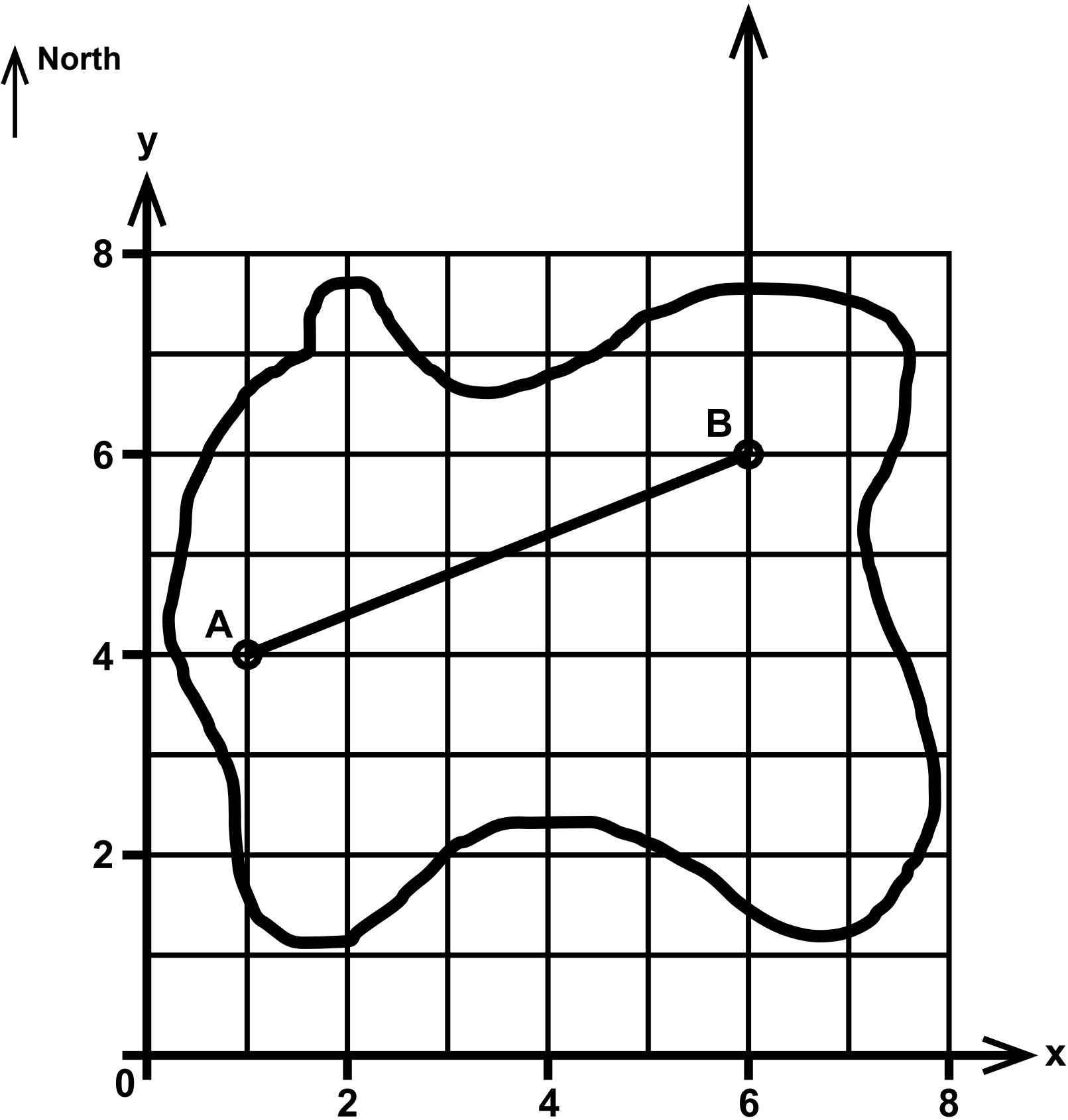
Question 8

	Biology			
Grades	**A**	**B**	**C**	**D**
A	8	6	2	1
B	3	5	4	0
C	4	2	6	2
D	0	0	5	0

Physics

Question 9

Each square length on the grid represents 1 cm
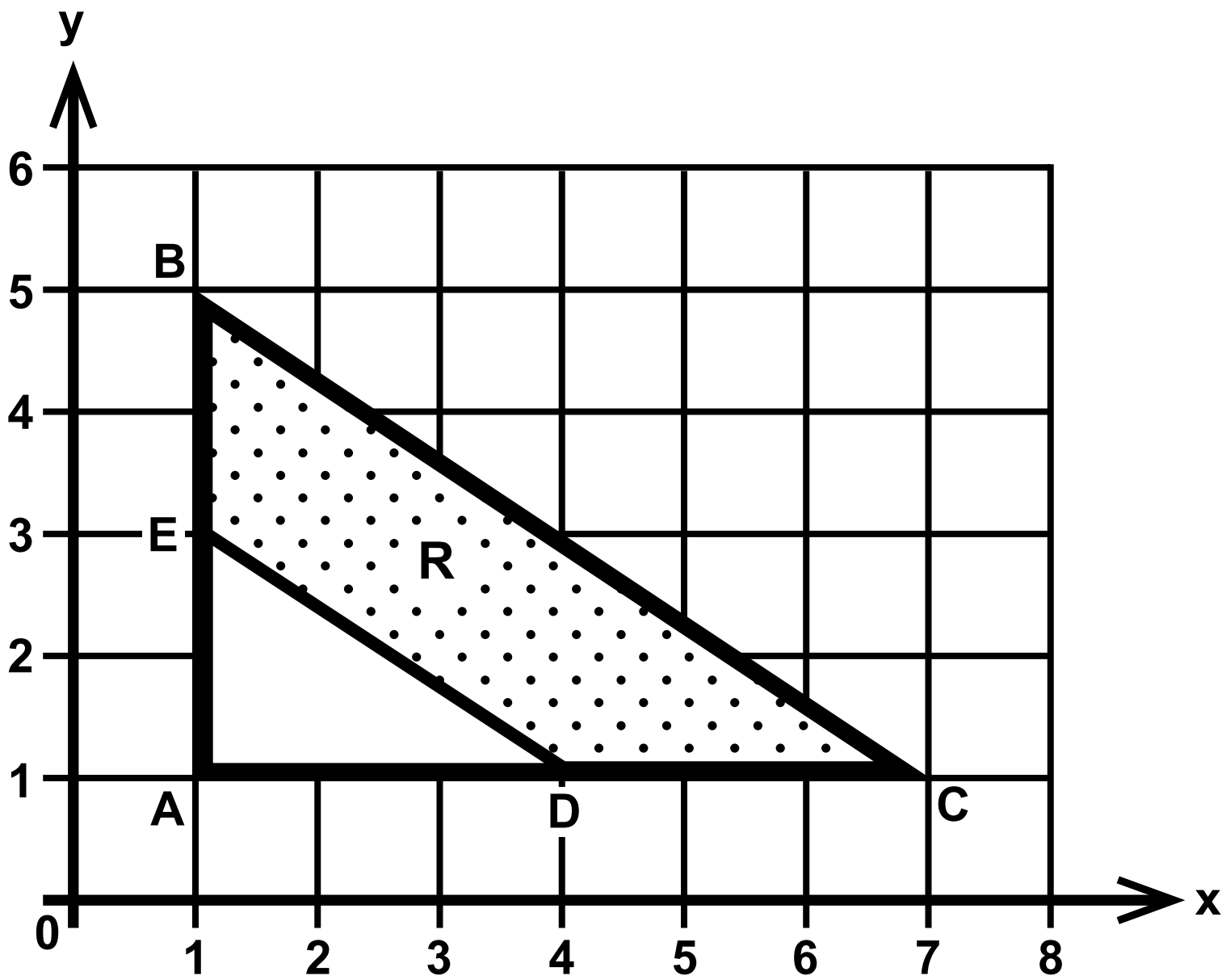
Question 12
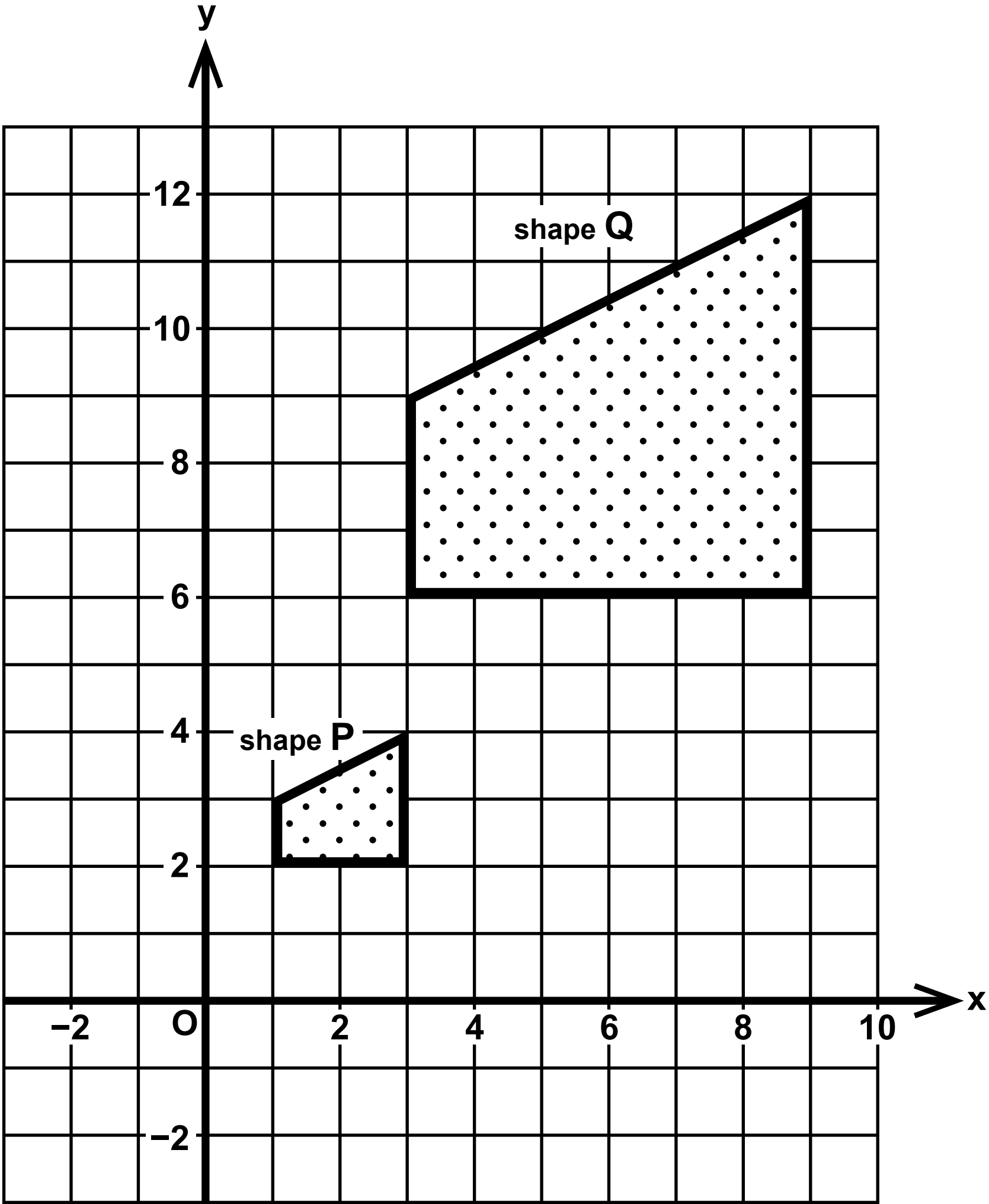
Question 12
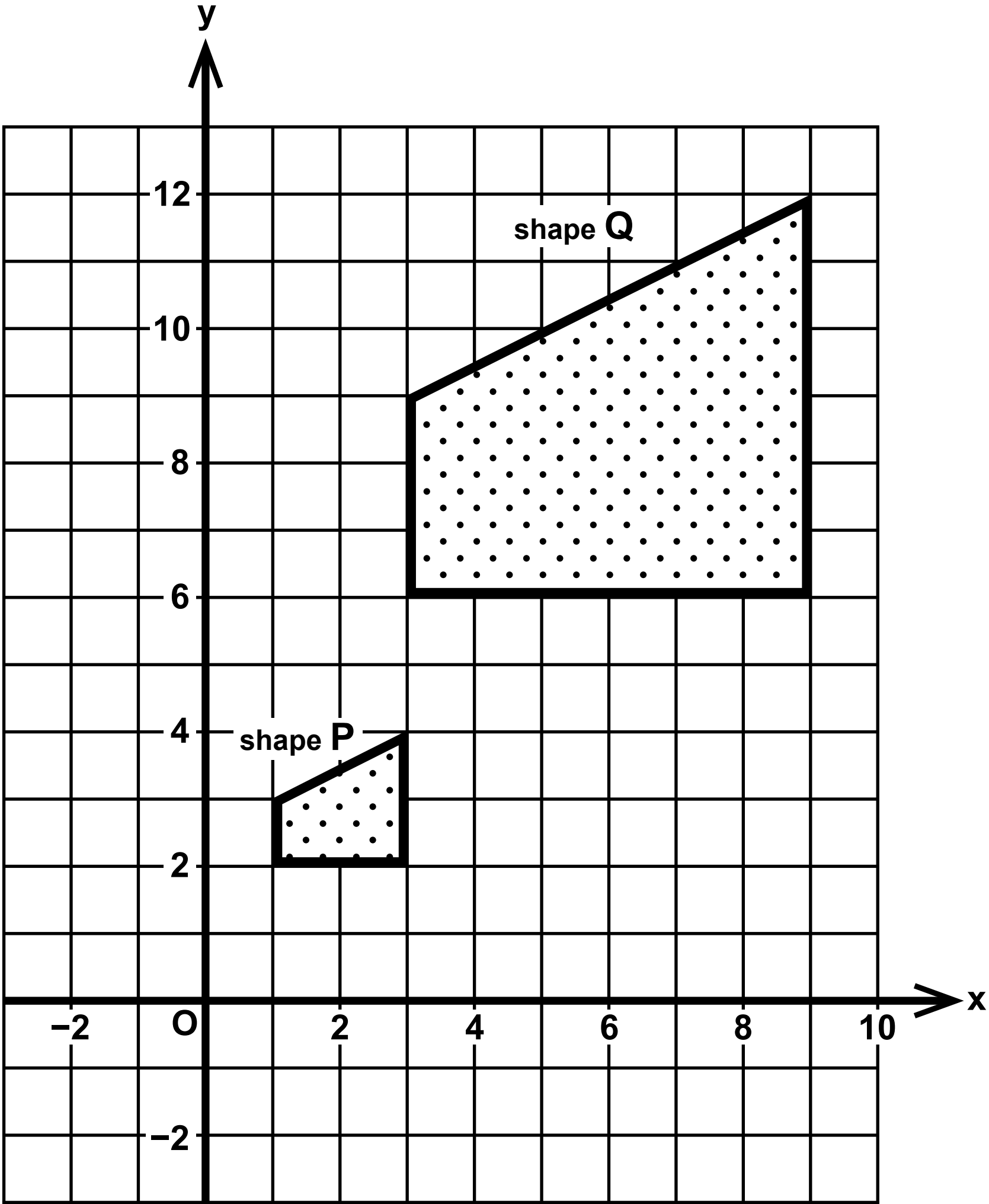
Question 14

Diagram NOT accurately drawn

A — 30 cm — B

52 cm

h cm

C
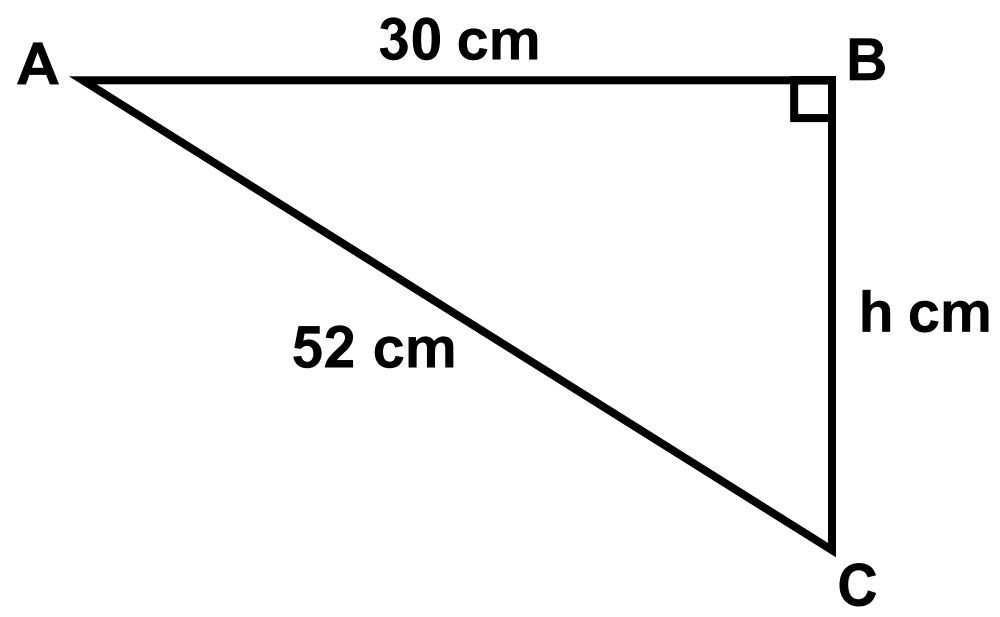
Question 16

**Diagram NOT
accurately drawn**

0·75 metres

window

0·5 metres

2 metres
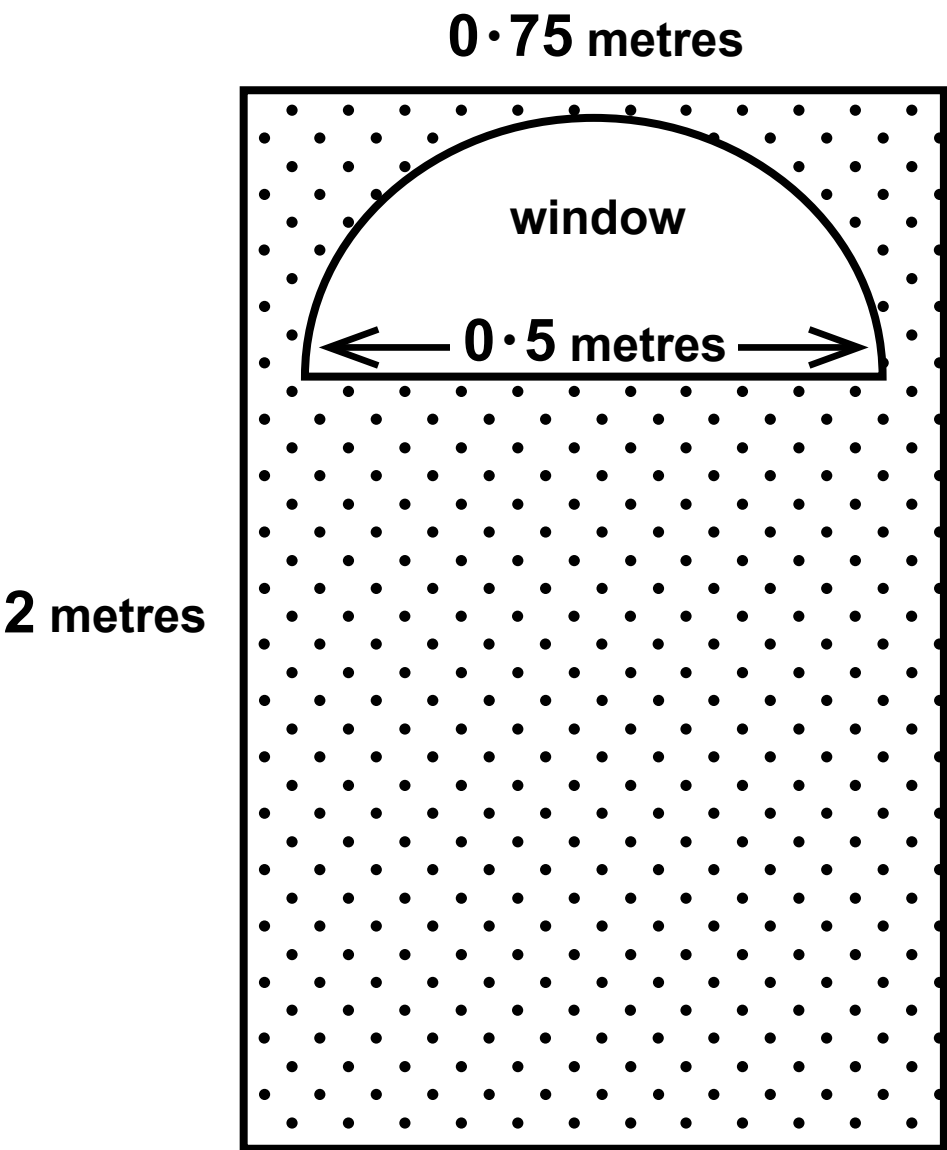
Question 17

Diagrams NOT accurately drawn

Diagram 1

W cm

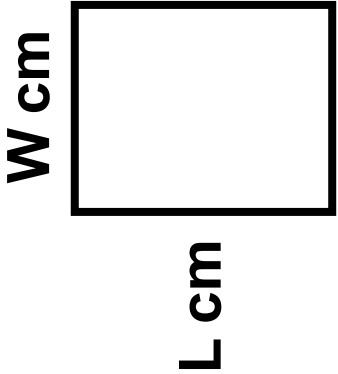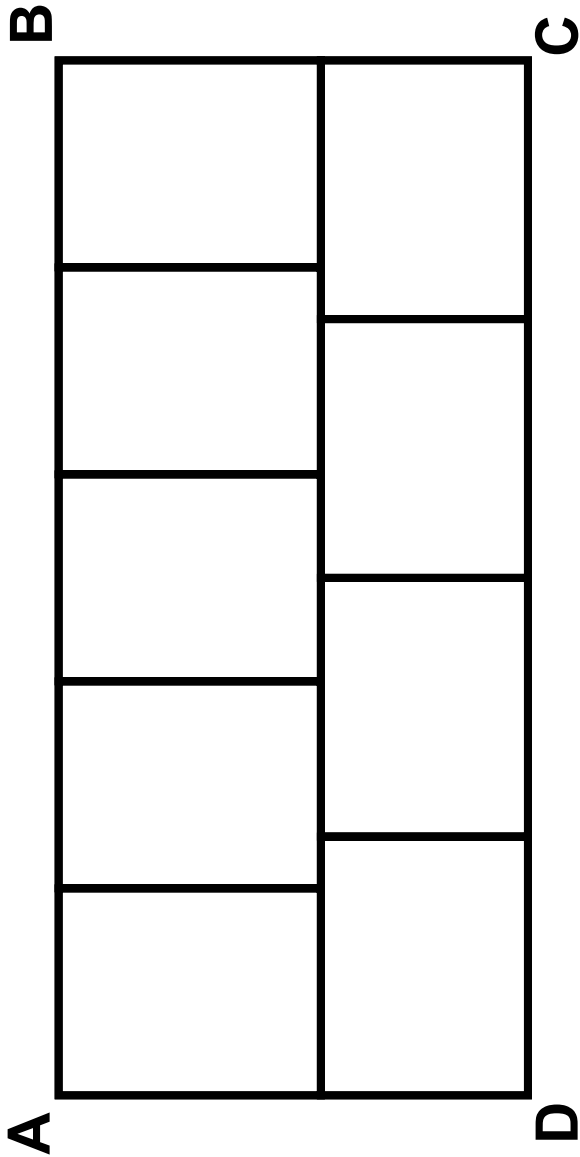L cm

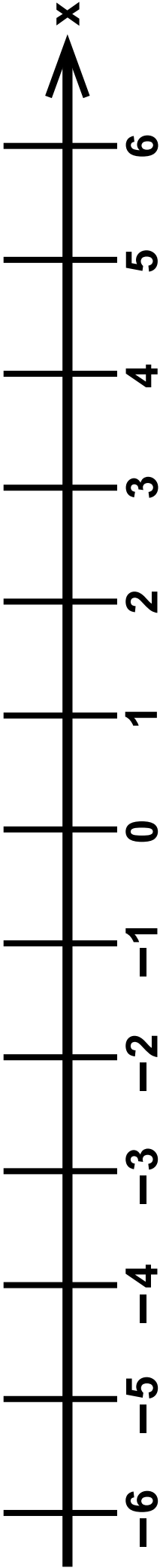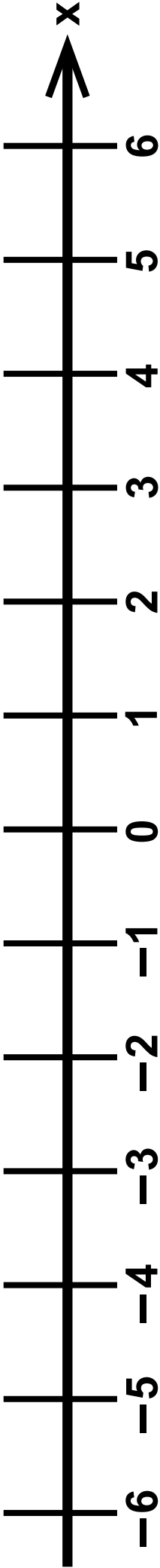**Diagram 2**

A

B

C

D

Question 21(ii)

Question 21(ii)

Question 22

**Diagram NOT
accurately drawn**

←10 cm→ ⊙

h cm