

Paper Reference 4MA1/1F  
Pearson Edexcel  
International GCSE

Mathematics A  
Paper 1F  
Foundation Tier  
(Calculator)

Thursday 7 January 2021 – 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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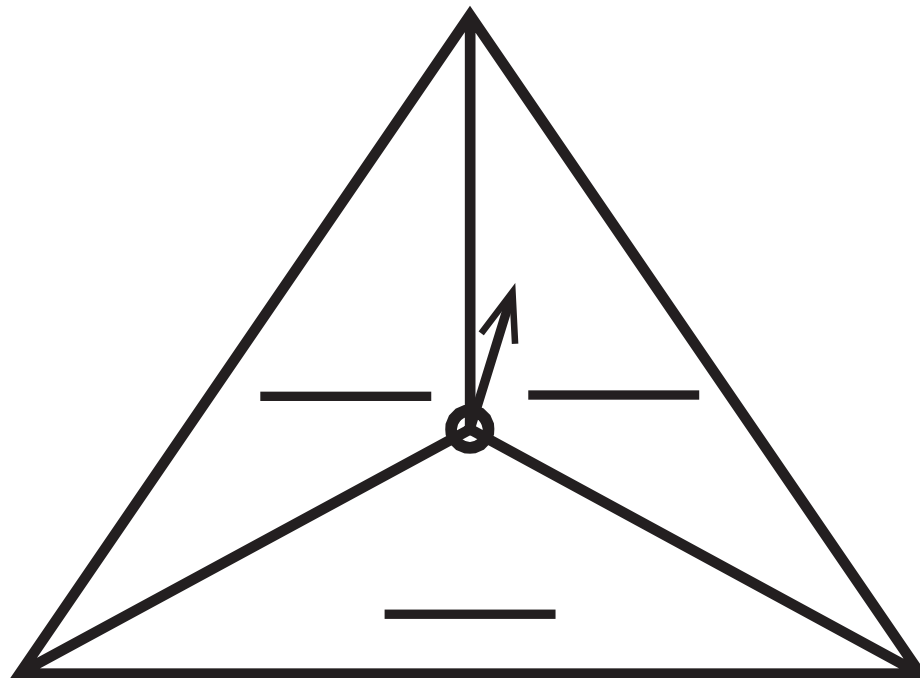
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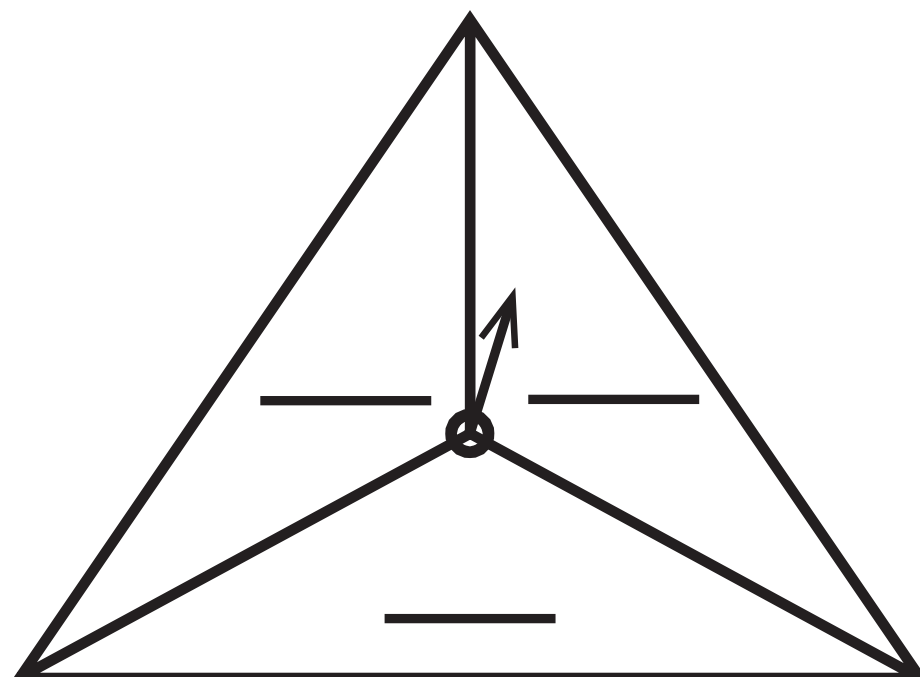
## Question 1

| <b>Volcano</b>         | <b>Height (metres)</b> |
|------------------------|------------------------|
| <b>Acamarachi</b>      | <b>6046</b>            |
| <b>Bazman</b>          | <b>3490</b>            |
| <b>Kamen</b>           | <b>4585</b>            |
| <b>Mount Ararat</b>    | <b>5137</b>            |
| <b>Ojos del Salado</b> | <b>6893</b>            |
| <b>Semeru</b>          | <b>3676</b>            |

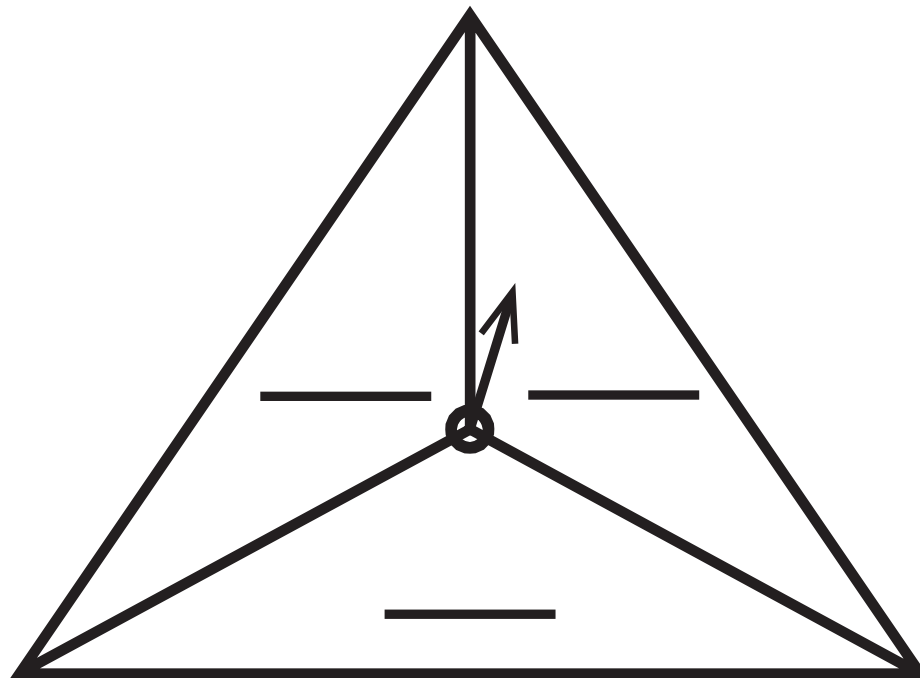
Question 2(a)(i)



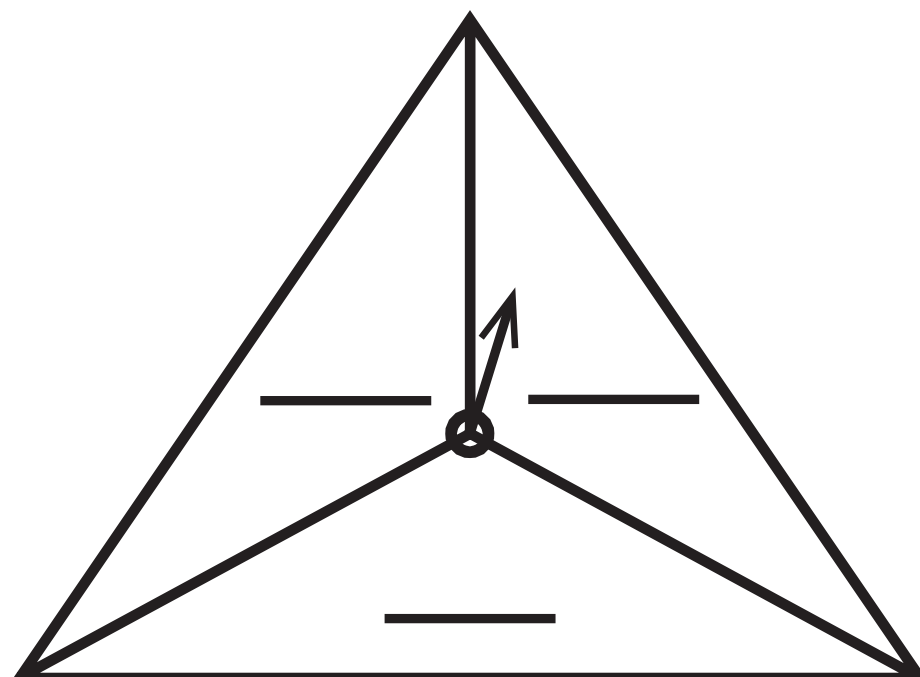
Question 2(a)(ii)



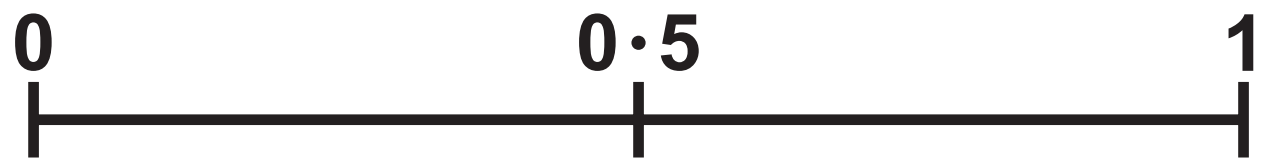
Question 2(a)(i)



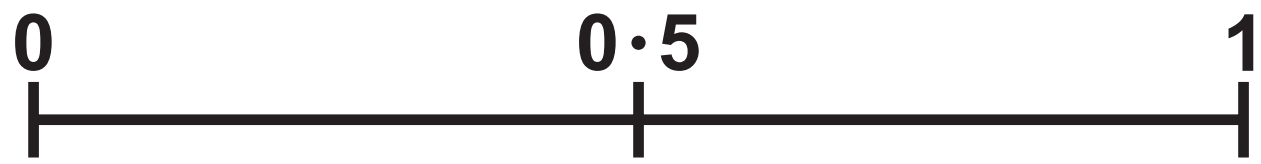
Question 2(a)(ii)



## Question 2(b)

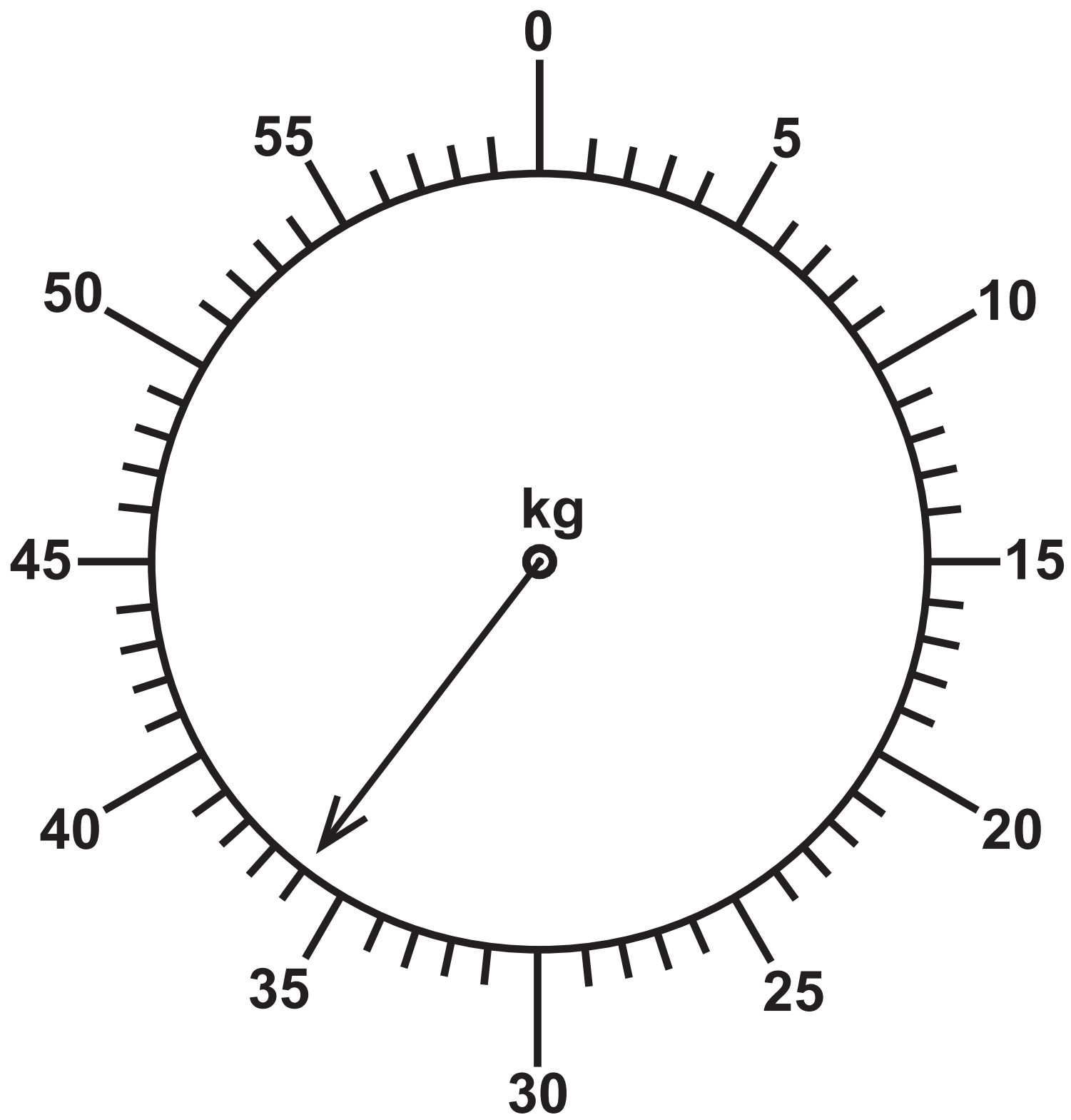


## Question 2(b)





Question 3



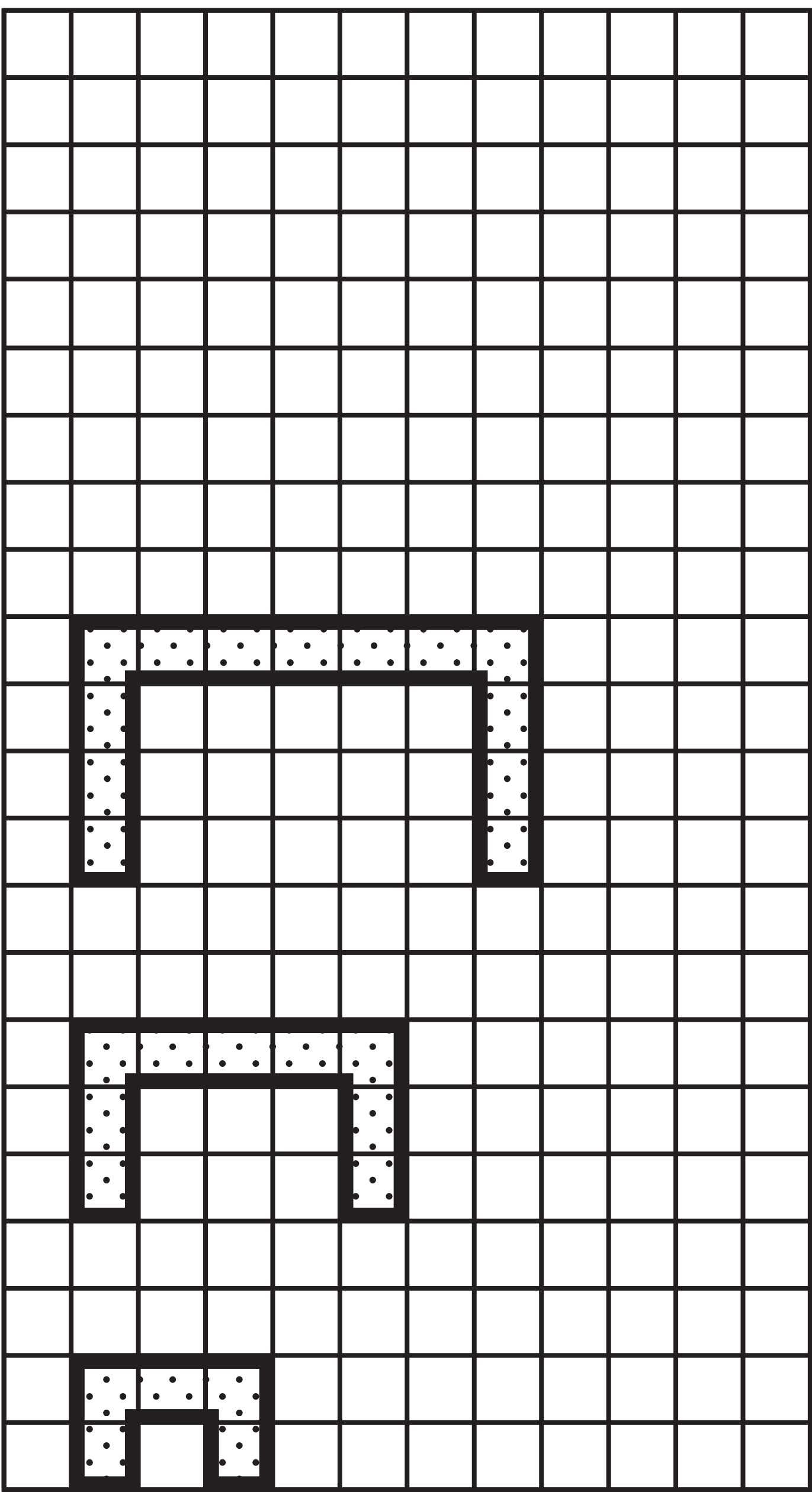
Question 5

Shape number 1

Shape number 2

Shape number 3

Shape number 4



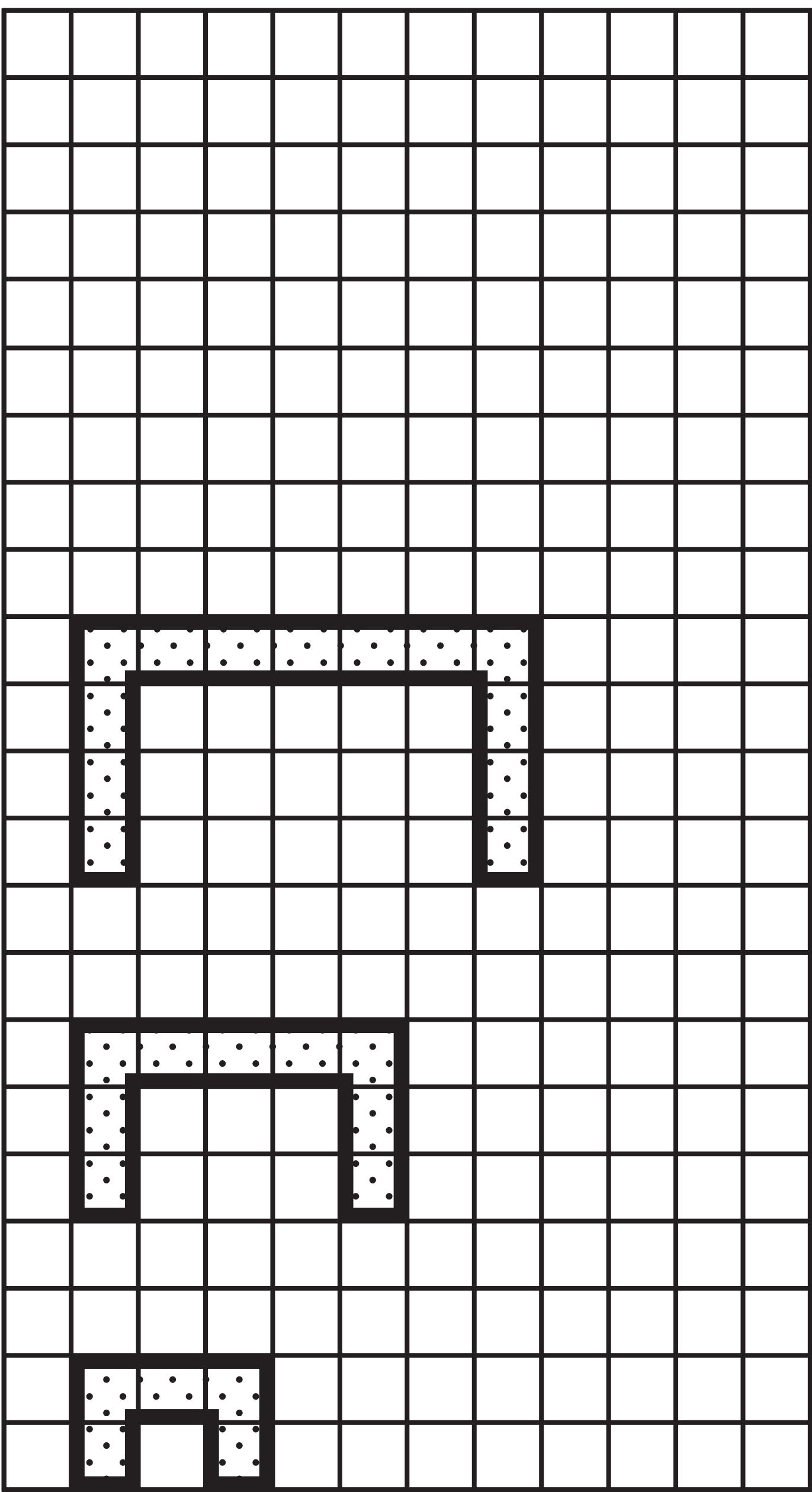
Question 5

Shape number 1

Shape number 2

Shape number 3

Shape number 4



Question 8

Type of noodle

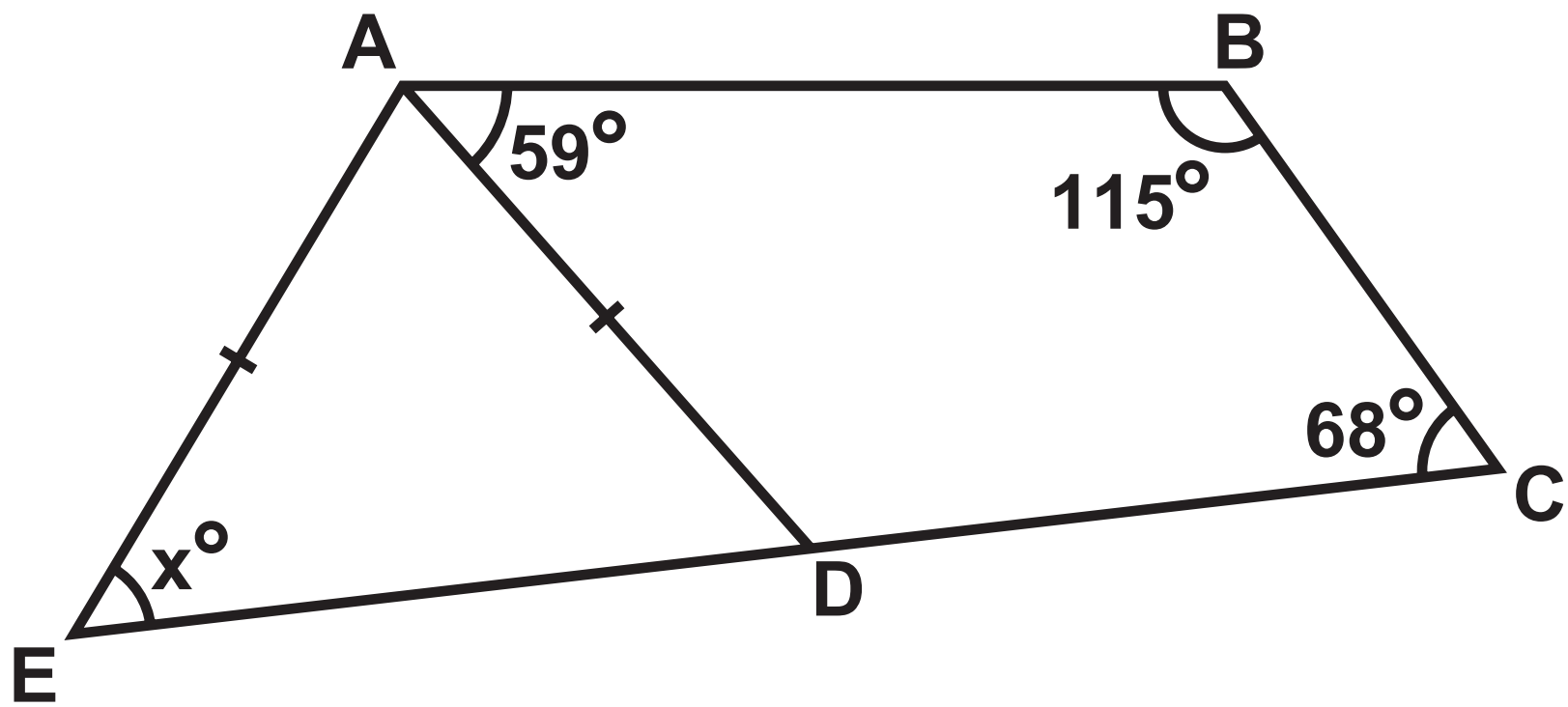
|        | Ramen | Soba | Udon | Total |
|--------|-------|------|------|-------|
| Boiled | 18    |      |      | 31    |
| Fried  |       | 12   | 7    |       |
| Total  |       |      | 15   | 60    |

Question 8

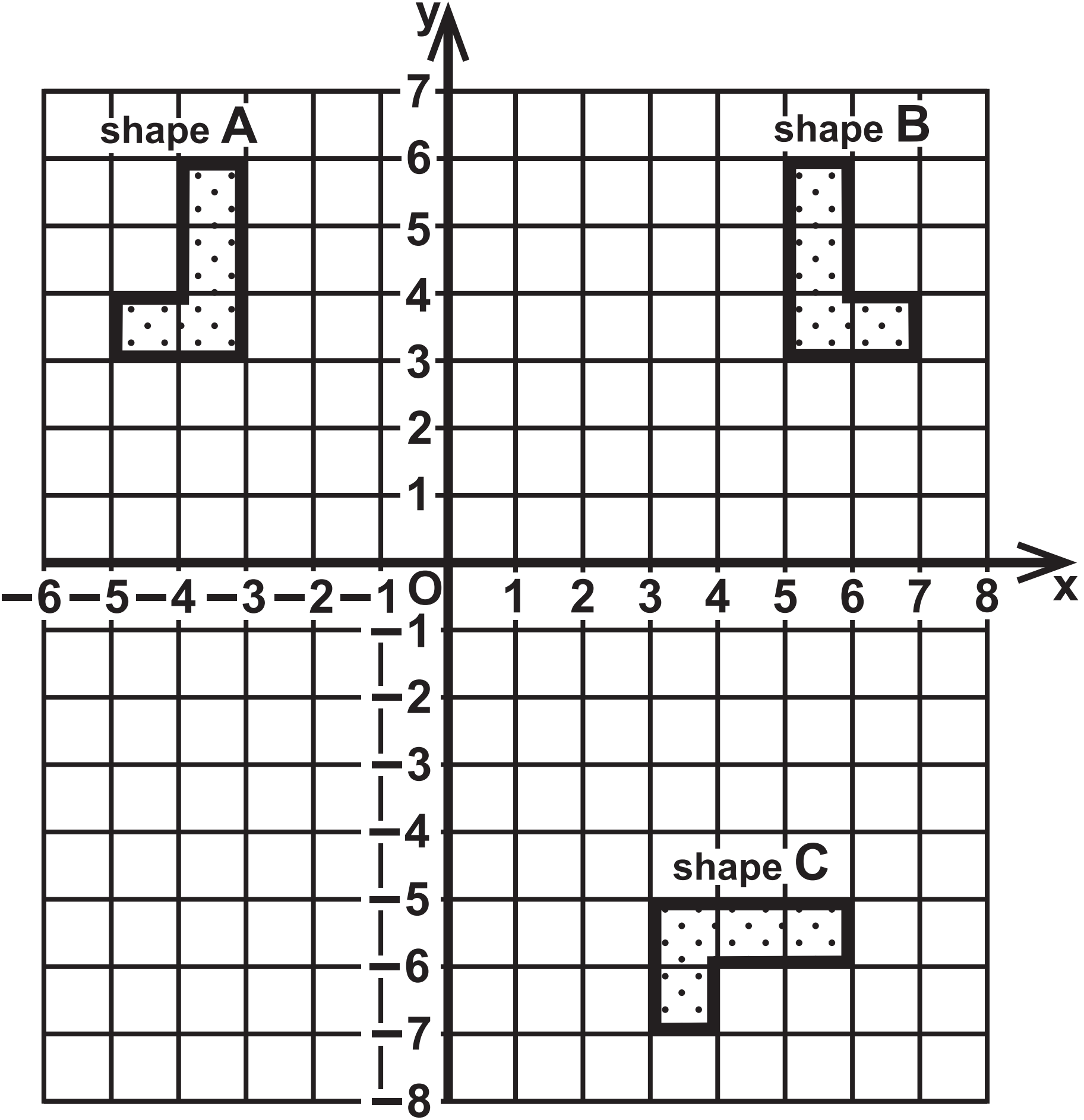
Type of noodle

|        | Ramen | Soba | Udon | Total |
|--------|-------|------|------|-------|
| Boiled | 18    |      |      | 31    |
| Fried  |       | 12   | 7    |       |
| Total  |       |      | 15   | 60    |

Question 9



Question 14



Question 15

| Colour | Number of counters |
|--------|--------------------|
| Red    | 7                  |
| Green  | 13                 |
| Yellow | 4                  |
| Blue   | 6                  |



Question 18

| Speed<br>(s kilometres per hour) | Frequency |
|----------------------------------|-----------|
| $40 < s \leq 50$                 | 10        |
| $50 < s \leq 60$                 | 16        |
| $60 < s \leq 70$                 | 19        |
| $70 < s \leq 80$                 | 23        |
| $80 < s \leq 90$                 | 12        |

Question 19

Diagram 1

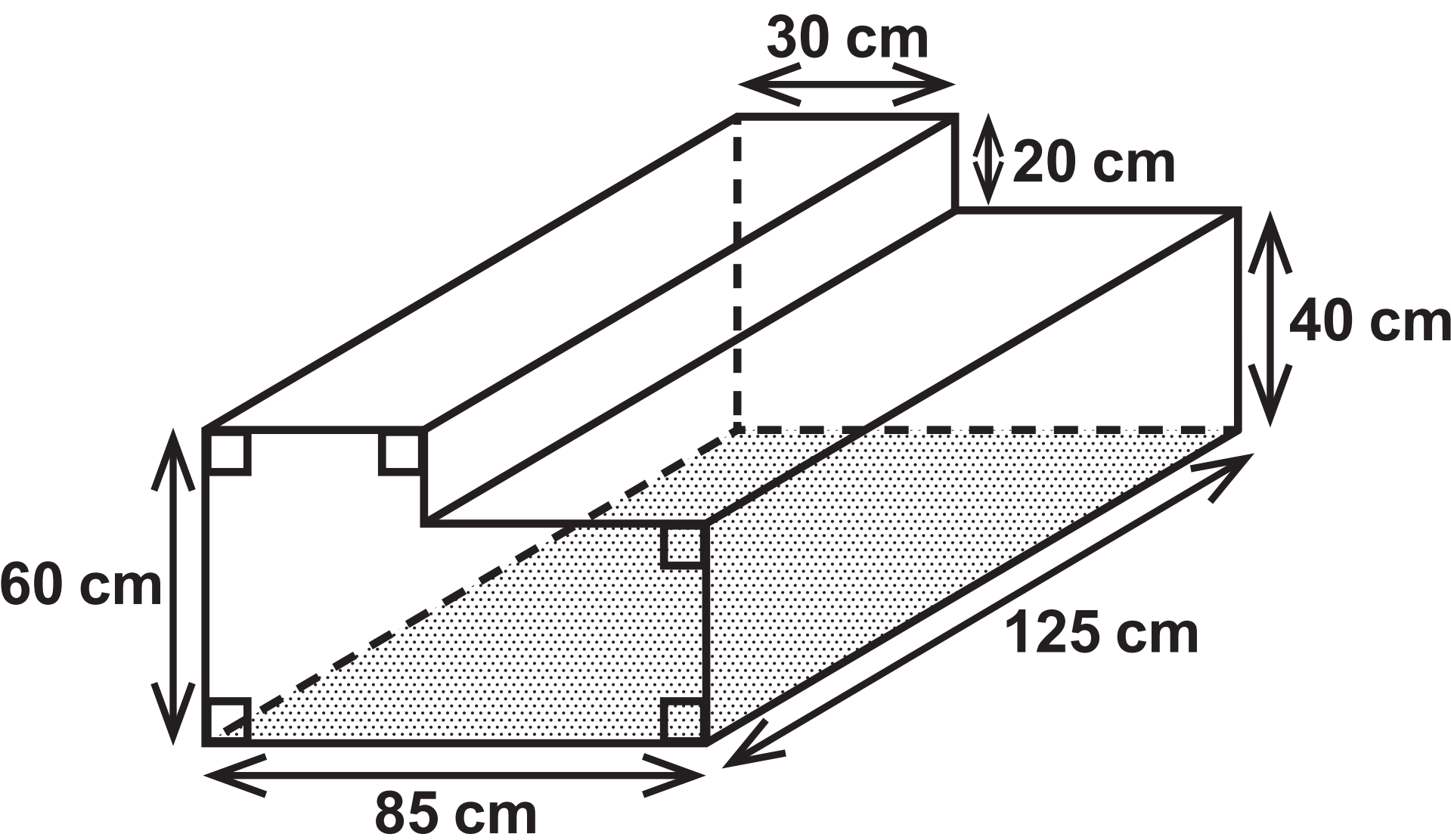
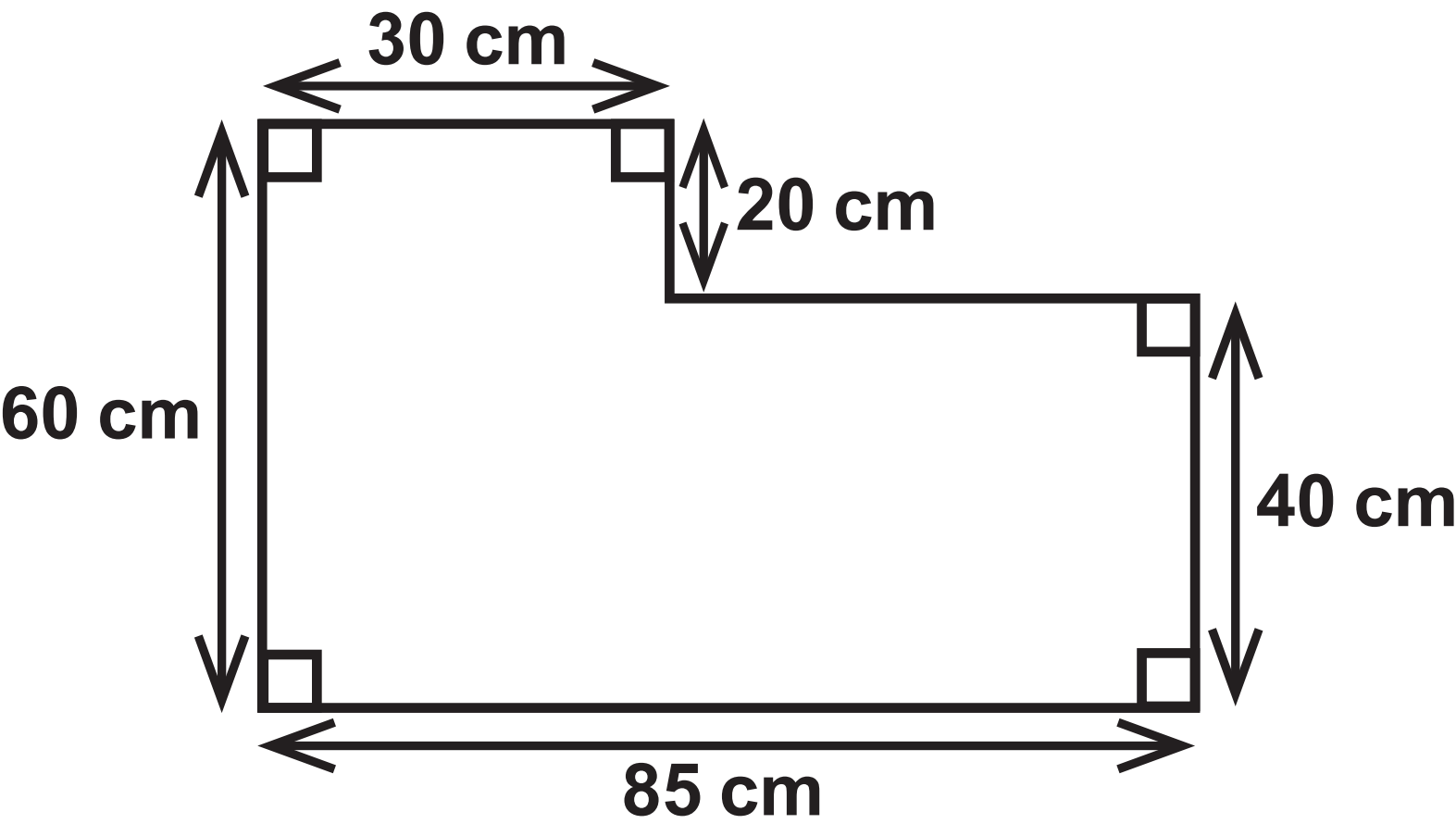
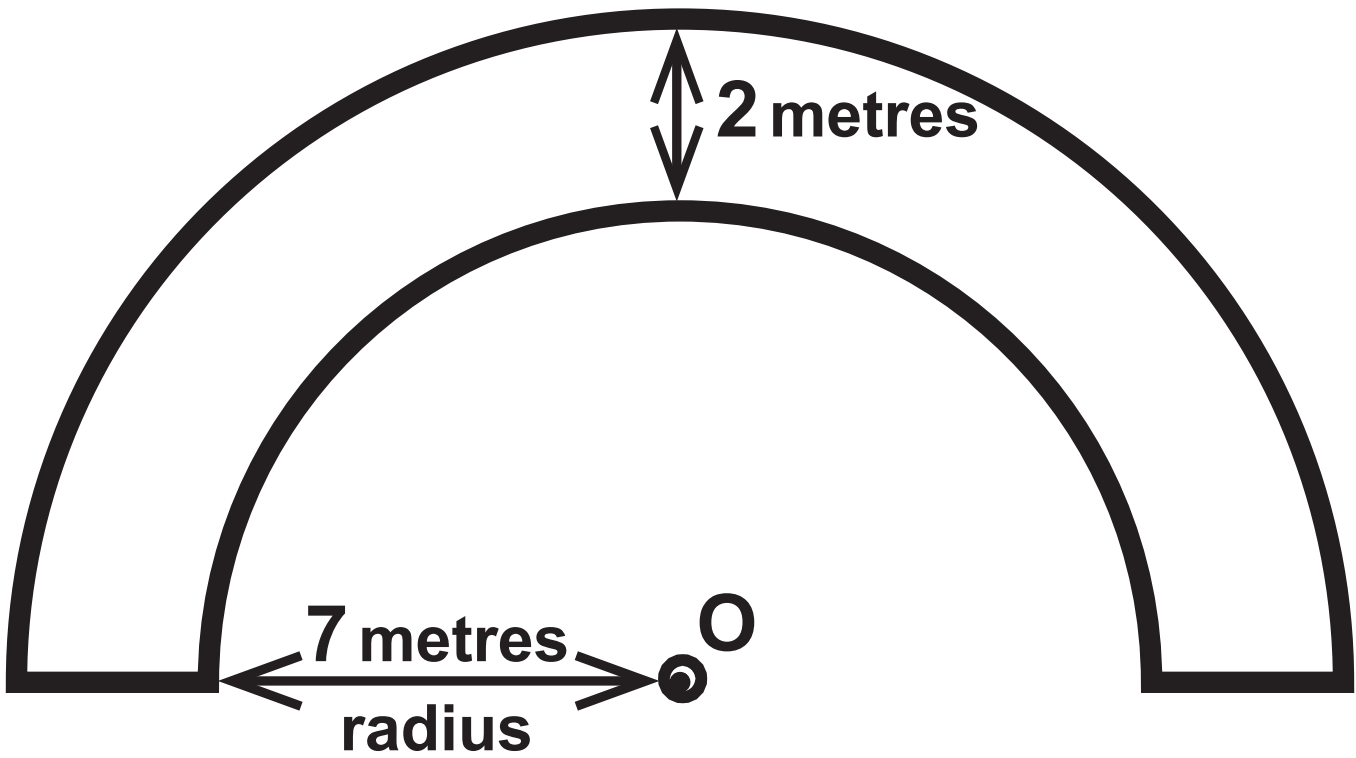


Diagram 2



Question 24



Question 26

