

**Paper Reference 4MA1/1H**  
**Pearson Edexcel**  
**International GCSE**

**Mathematics A**  
**PAPER: 1H**  
**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**

<b>5</b>	<b>Question 2</b>
<b>6</b>	<b>Question 4</b> <b>(NOT accurately drawn)</b>
<b>7</b>	<b>Question 6(a)</b>
<b>8</b>	<b>Question 7</b> <b>(NOT accurately drawn)</b>
<b>9</b>	<b>Question 12</b>
<b>10</b>	<b>Question 12 (Spare copy)</b>
<b>11</b>	<b>Question 13</b>
<b>12–13</b>	<b>Question 15</b>
<b>14</b>	<b>Question 18</b> <b>(NOT accurately drawn)</b>

**(continued on the next page)**

**Contents continued.**

**Page**

<b>15</b>	<b>Question 19</b> <b>(NOT accurately drawn)</b>
<b>16</b>	<b>Question 20</b>
<b>17</b>	<b>Question 21</b>
<b>18–19</b>	<b>Question 22</b> <b>(NOT accurately drawn)</b>

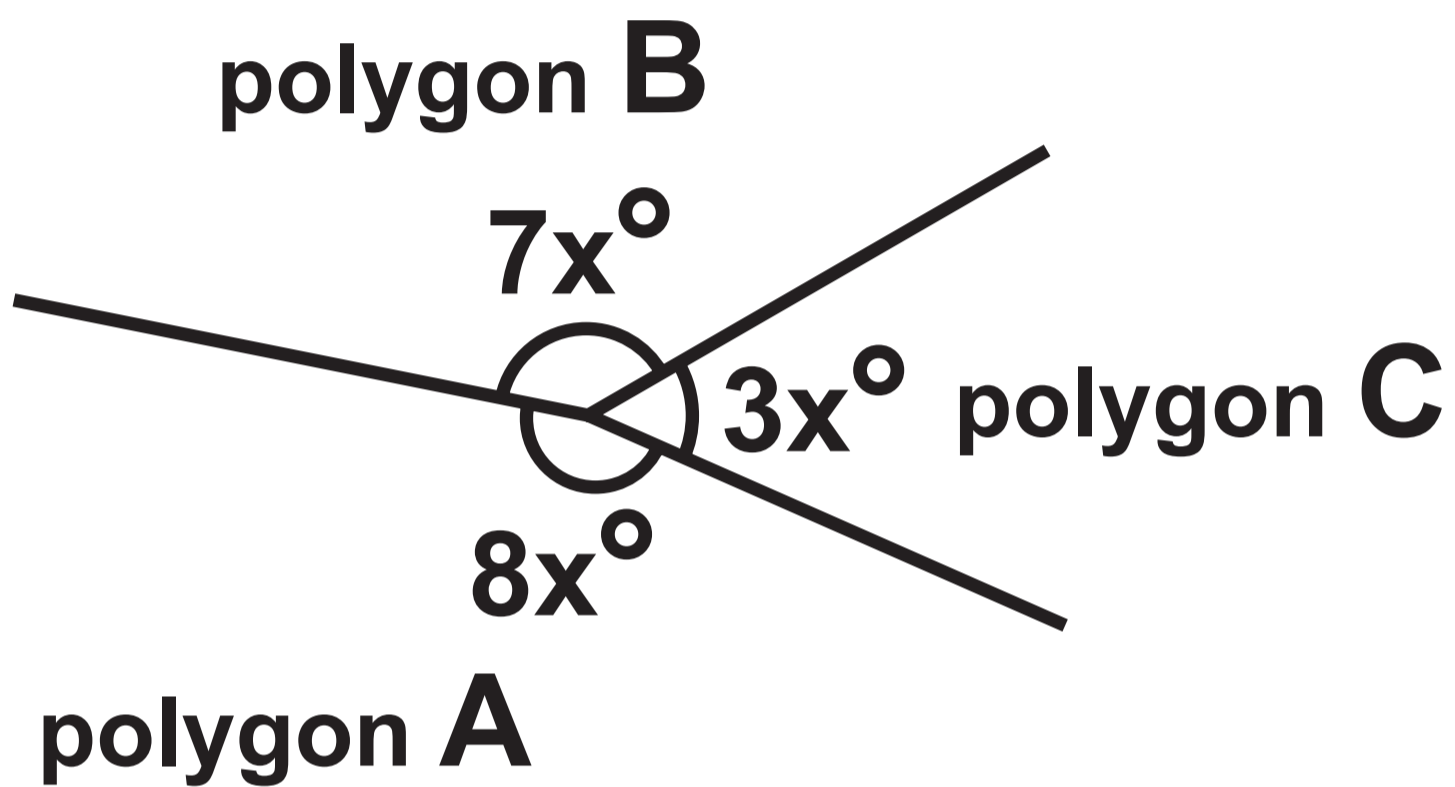
Question 2



Number	Probability
1	0.26
2	
3	0.18
4	

## Question 4

Diagram NOT accurately drawn

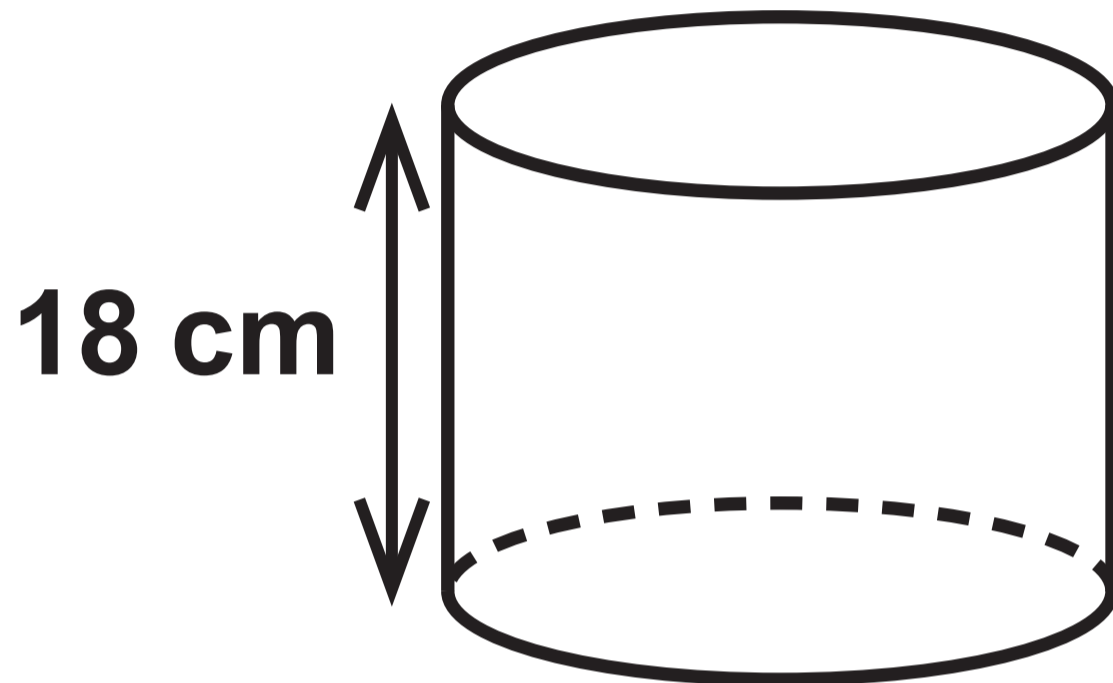


Question 6(a)

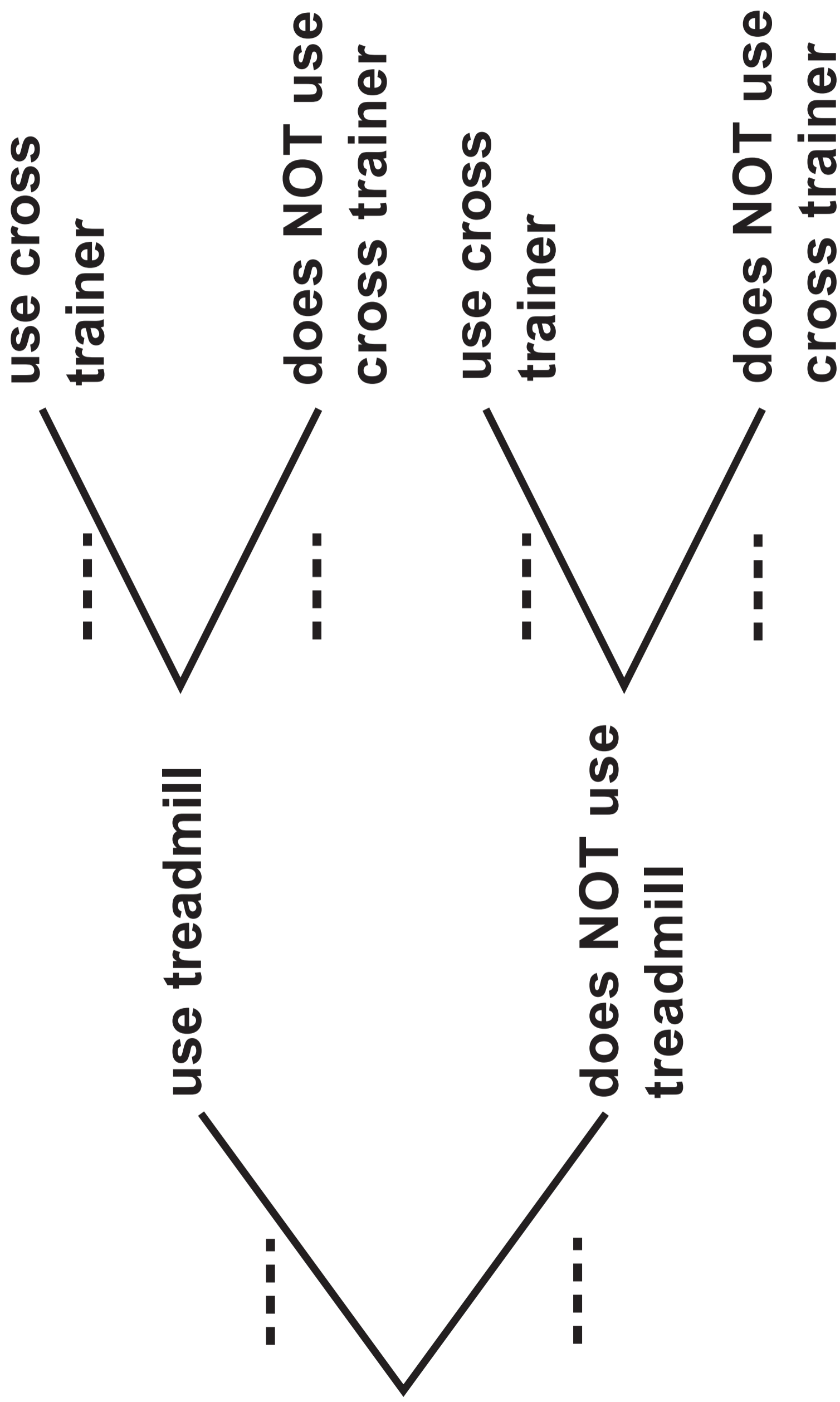
Value (x euros)	Service charge band
$x \geq 700\,000$	A
$600\,000 \leq x < 700\,000$	B
$500\,000 \leq x < 600\,000$	C
$400\,000 \leq x < 500\,000$	D
$0 < x < 400\,000$	E

Question 7

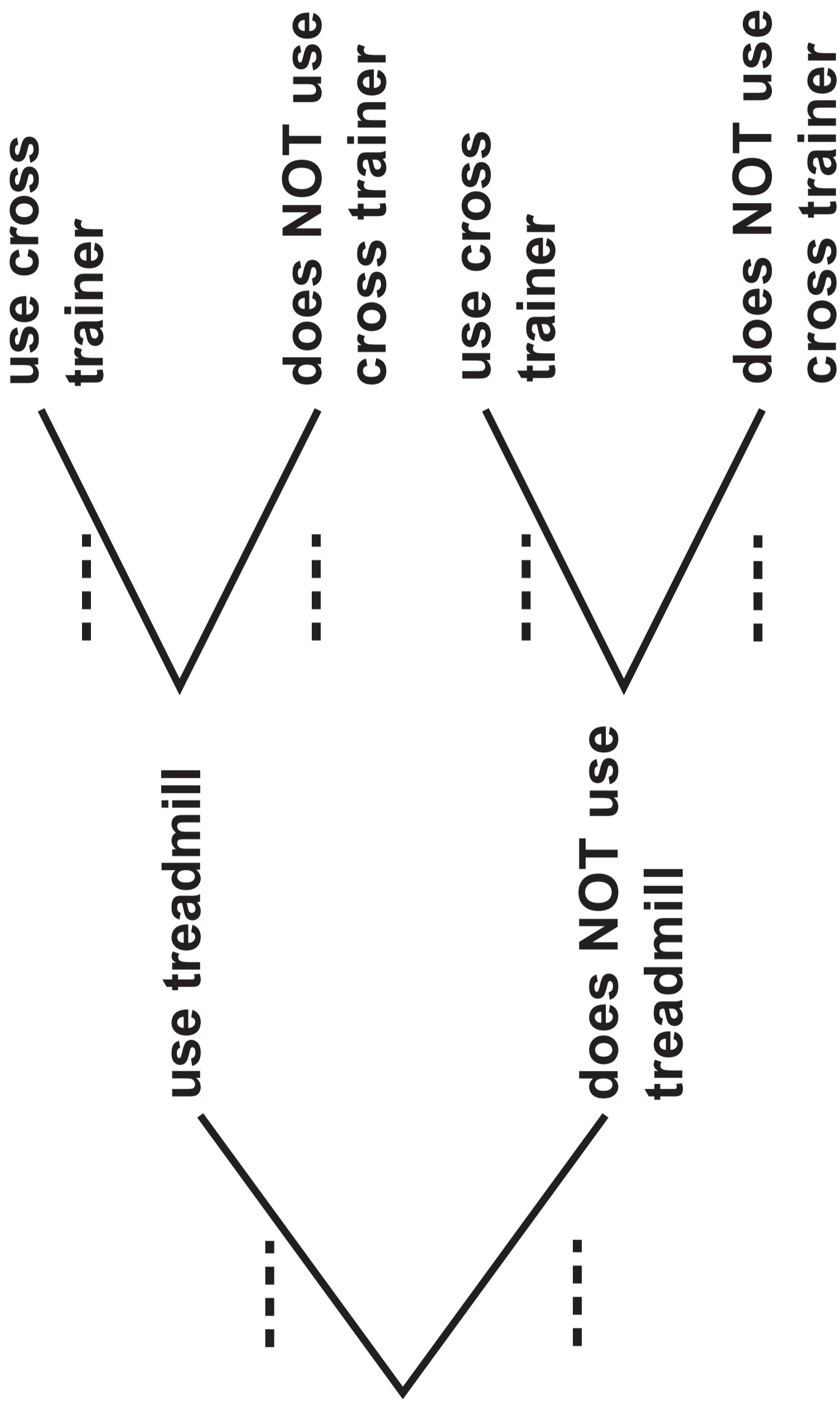
Diagram NOT accurately drawn



Question 12



Question 12



Question 13

Payment	Amount paid
Payment 1	$\frac{3}{8}$ of the total cost
Payment 2	45% of the total cost
Payment 3	\$406

Question 15

**For any game that Abraham plays**

**the probability that he wins the game is**

**$0.3$**

**the probability that he draws the game is**

**$0.5$**

**the probability that he loses the game is**

**$0.2$**

**(continued on the next page)**

**Turn Over**

**Question 15 continued.**

**When Abraham wins a game, he scores  
+10 points.**

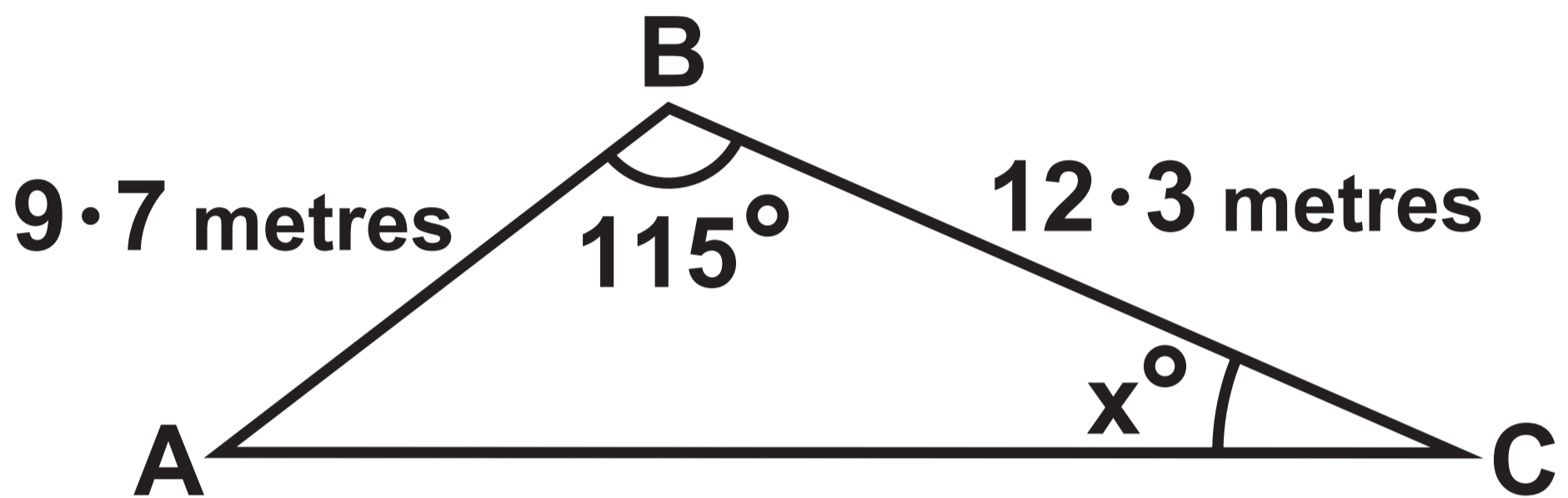
**When Abraham draws a game, he scores  
0 points.**

**When Abraham loses a game, he scores  
−5 points.**

**Abraham plays 3 games and the points he  
scores in each of the 3 games are added  
together to get his total score.**

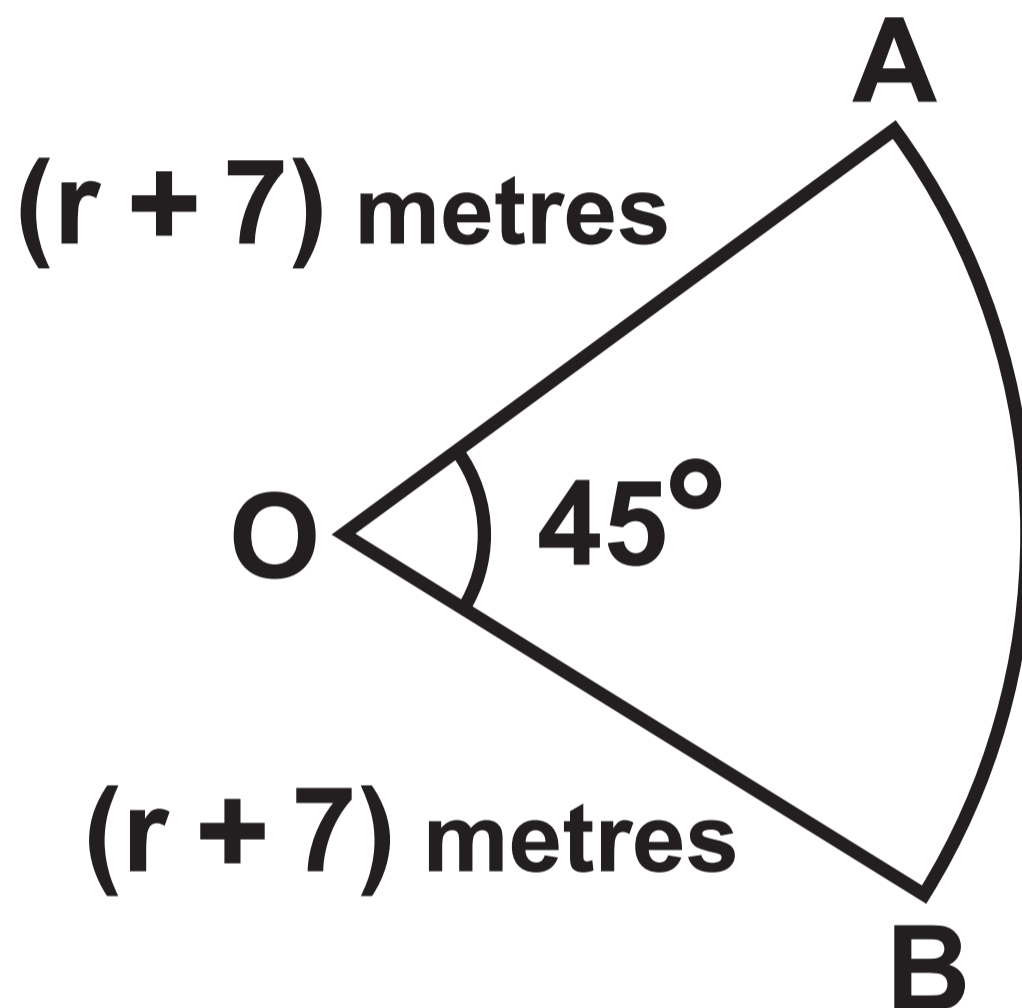
## Question 18

Diagram NOT accurately drawn

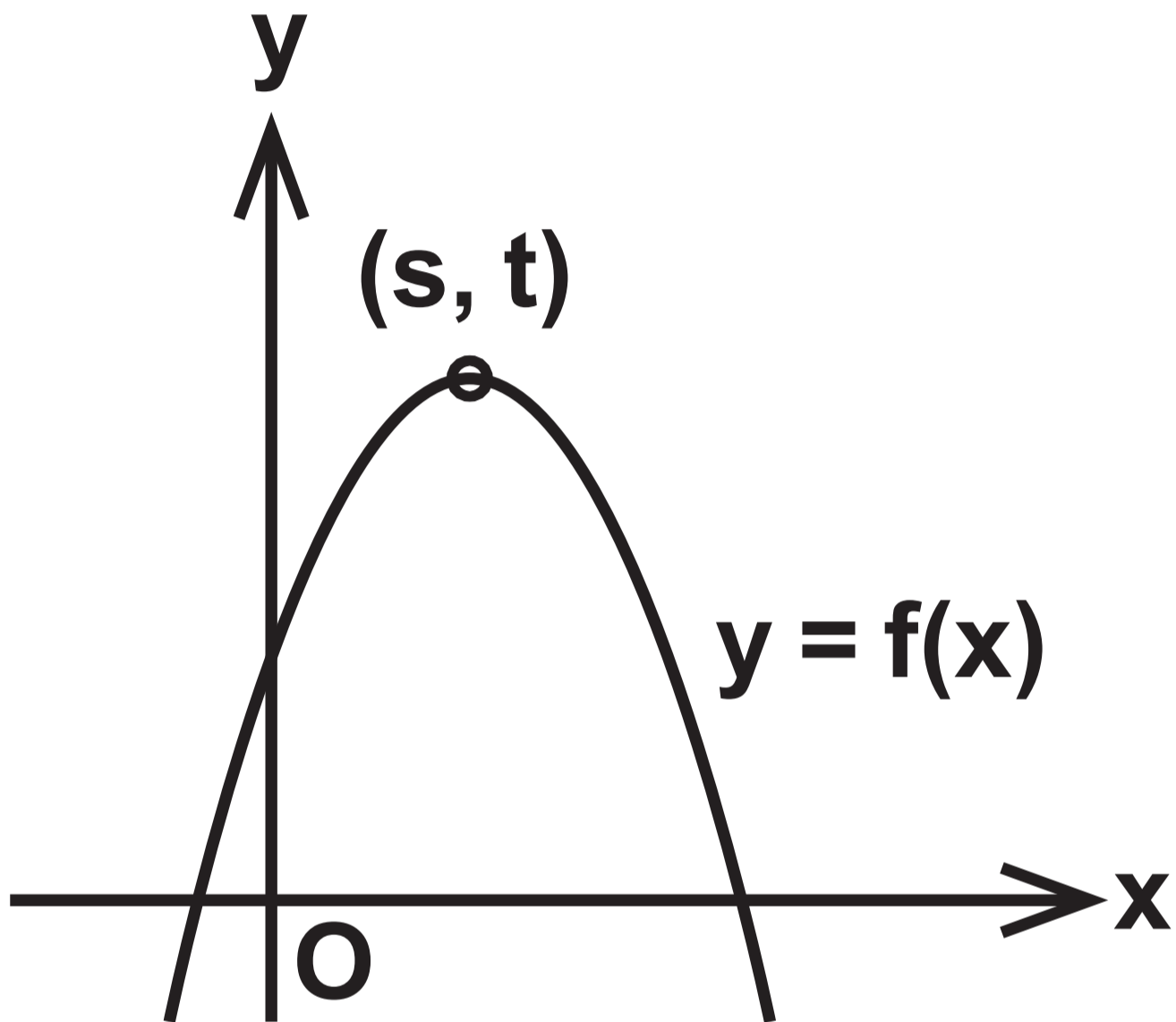


## Question 19

Diagram NOT accurately drawn

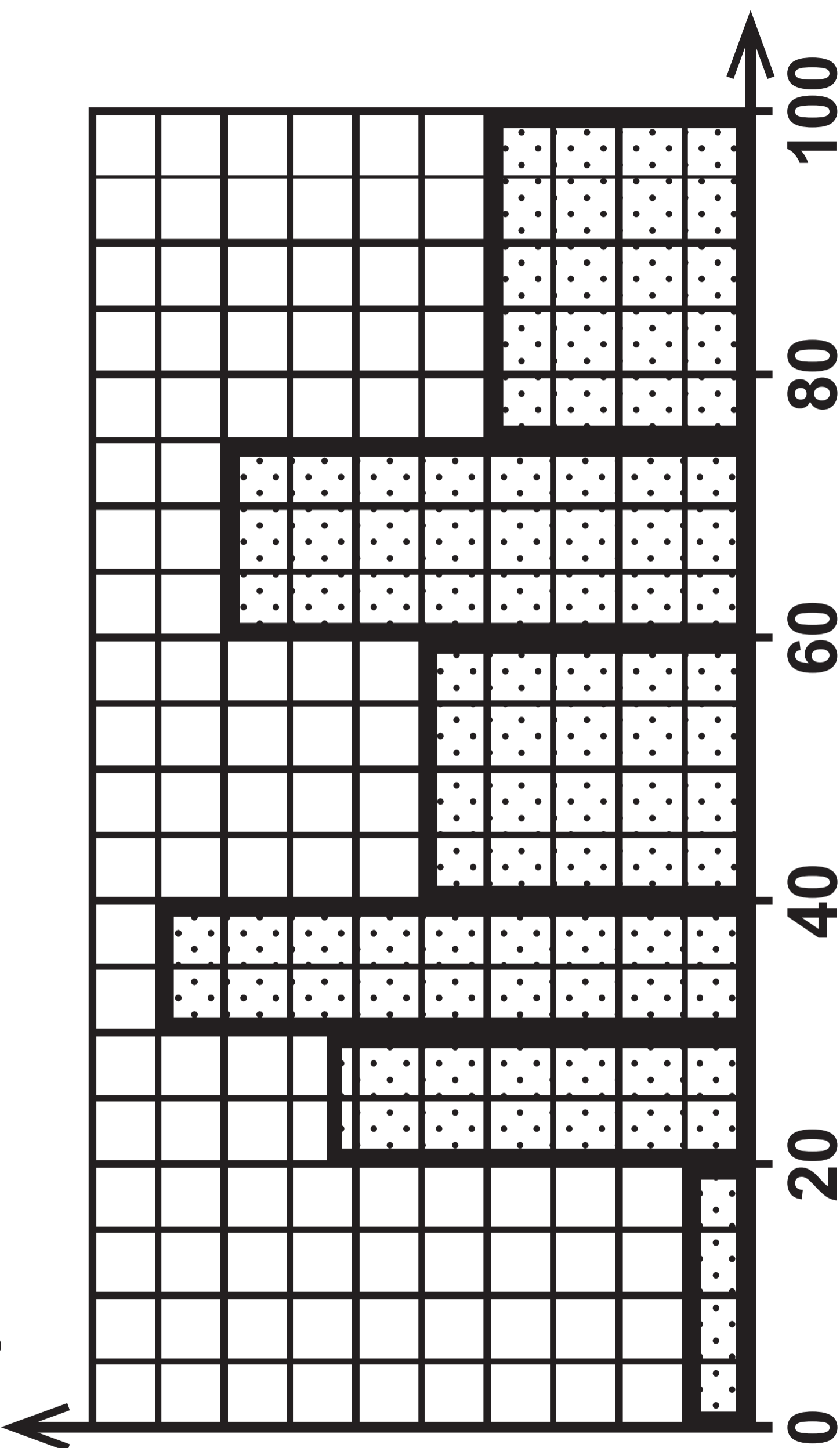


## Question 20



Question 21

Frequency  
density

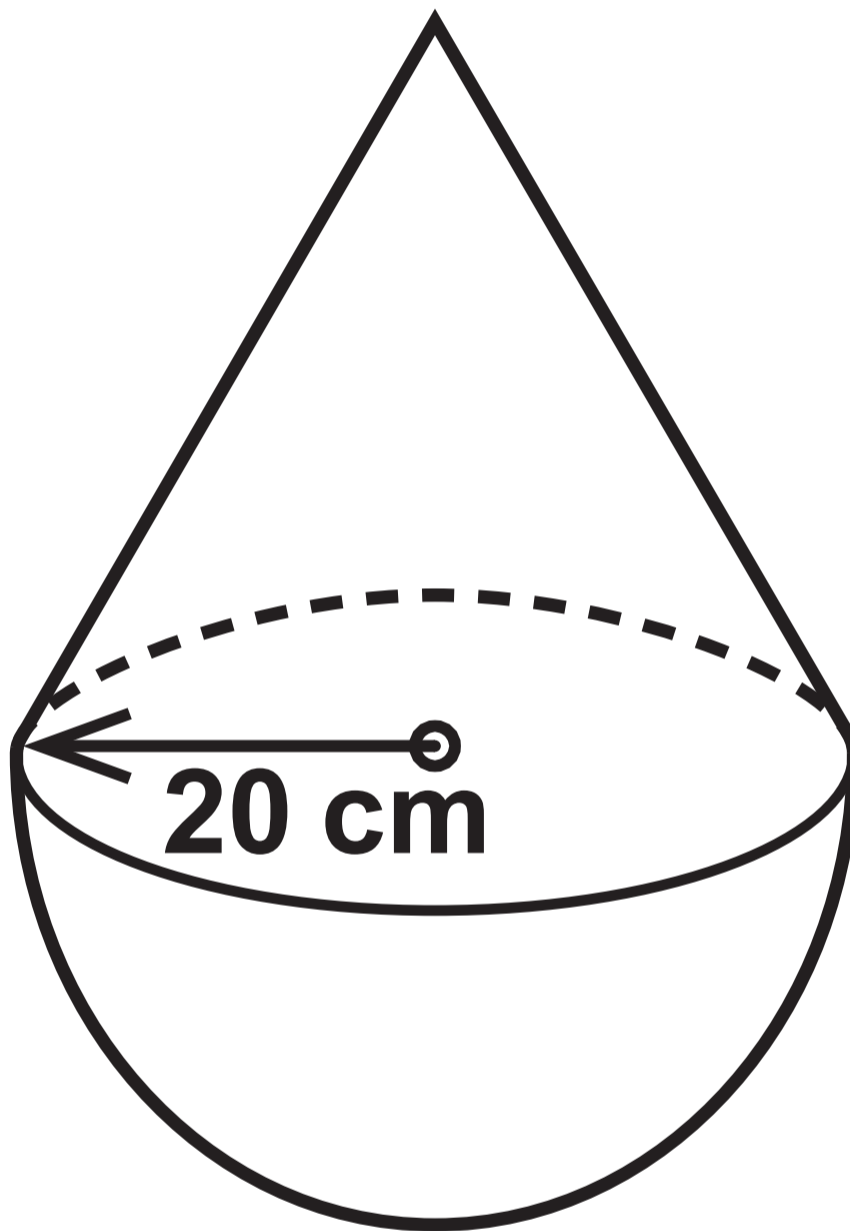


Time (in minutes)

Question 22

Diagram NOT accurately drawn

Diagram 1



(continued on the next page)

Turn Over

Question 22 continued.

Diagram NOT accurately drawn

Diagram 2

