

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

Mathematics  
PAPER 1 (Non–Calculator)  
Higher Tier

Friday 19 May 2023 – Morning

Diagram Booklet

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

# **Contents**

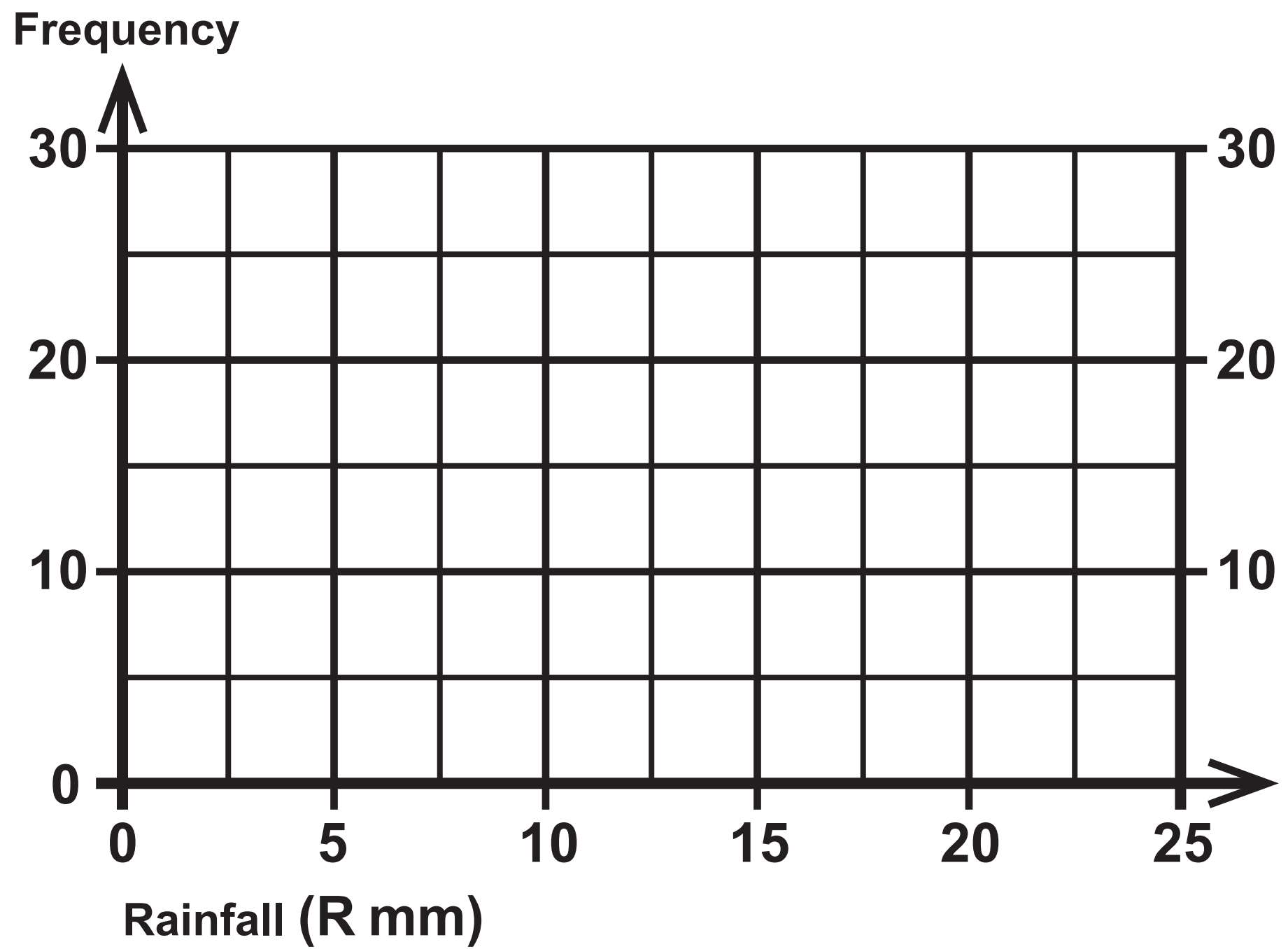
## **Page**

<b>4</b>	<b>Question 4</b>
<b>5</b>	<b>Question 5</b>
<b>6</b>	<b>Question 6</b>
<b>7</b>	<b>Question 8</b>
<b>8</b>	<b>Question 9</b>
<b>9</b>	<b>Question 10</b>
<b>10</b>	<b>Question 12</b>
<b>11</b>	<b>Question 16</b>
<b>12</b>	<b>Question 21</b>
<b>13</b>	<b>Question 22</b>

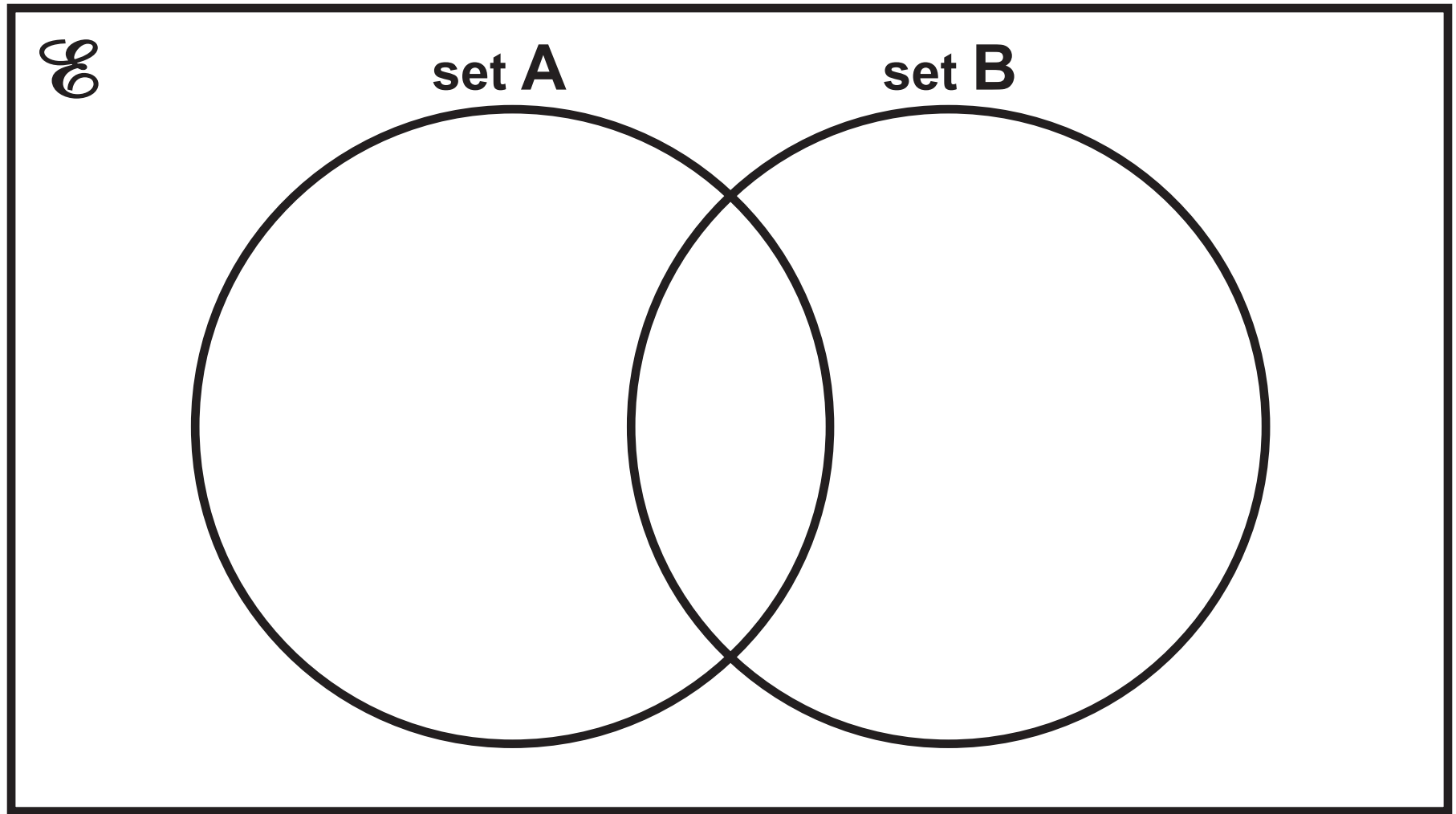
## **Spare Copies**

<b>14</b>	<b>Question 4</b>
<b>15</b>	<b>Question 5</b>

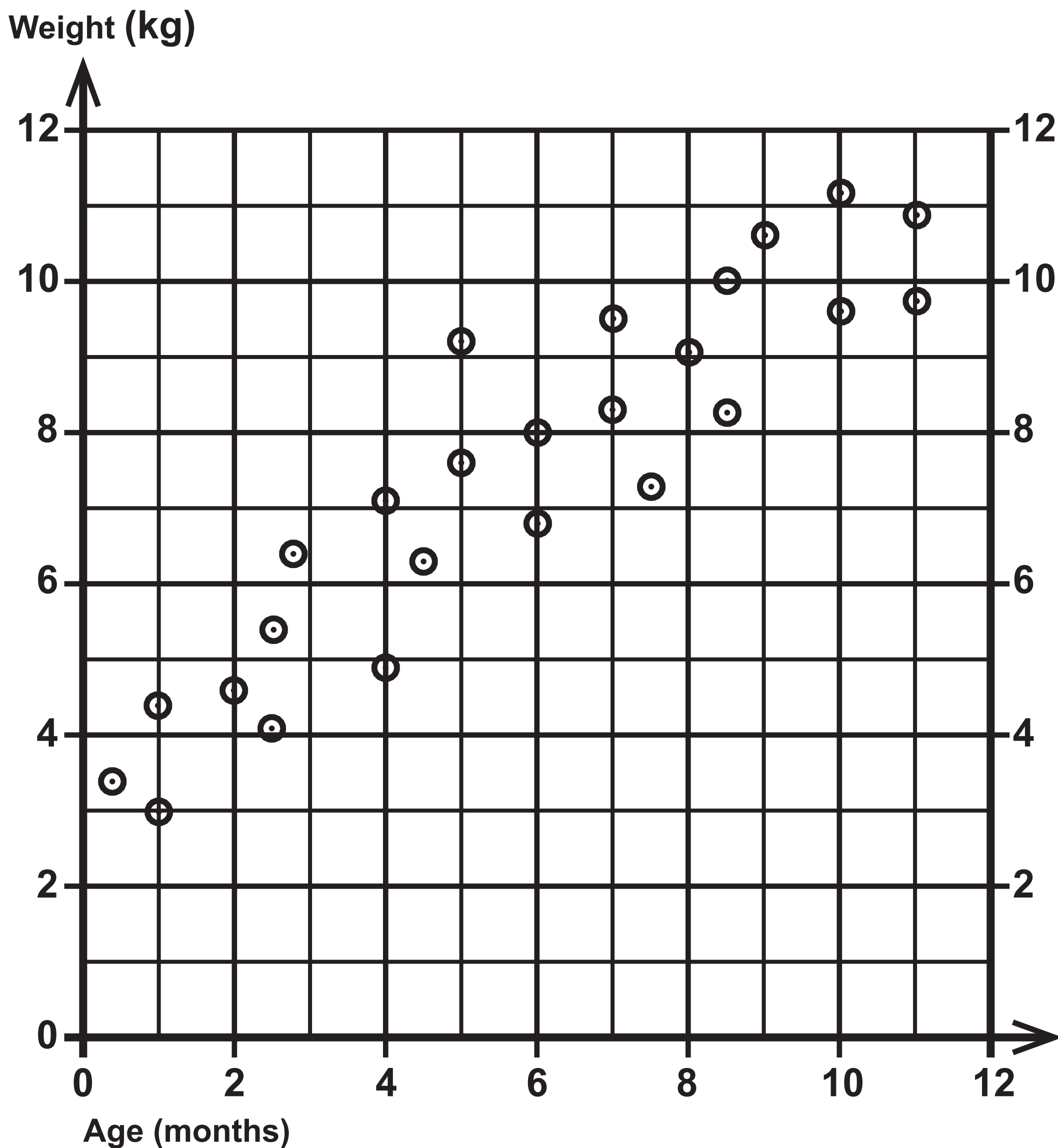
Question 4



# Question 5

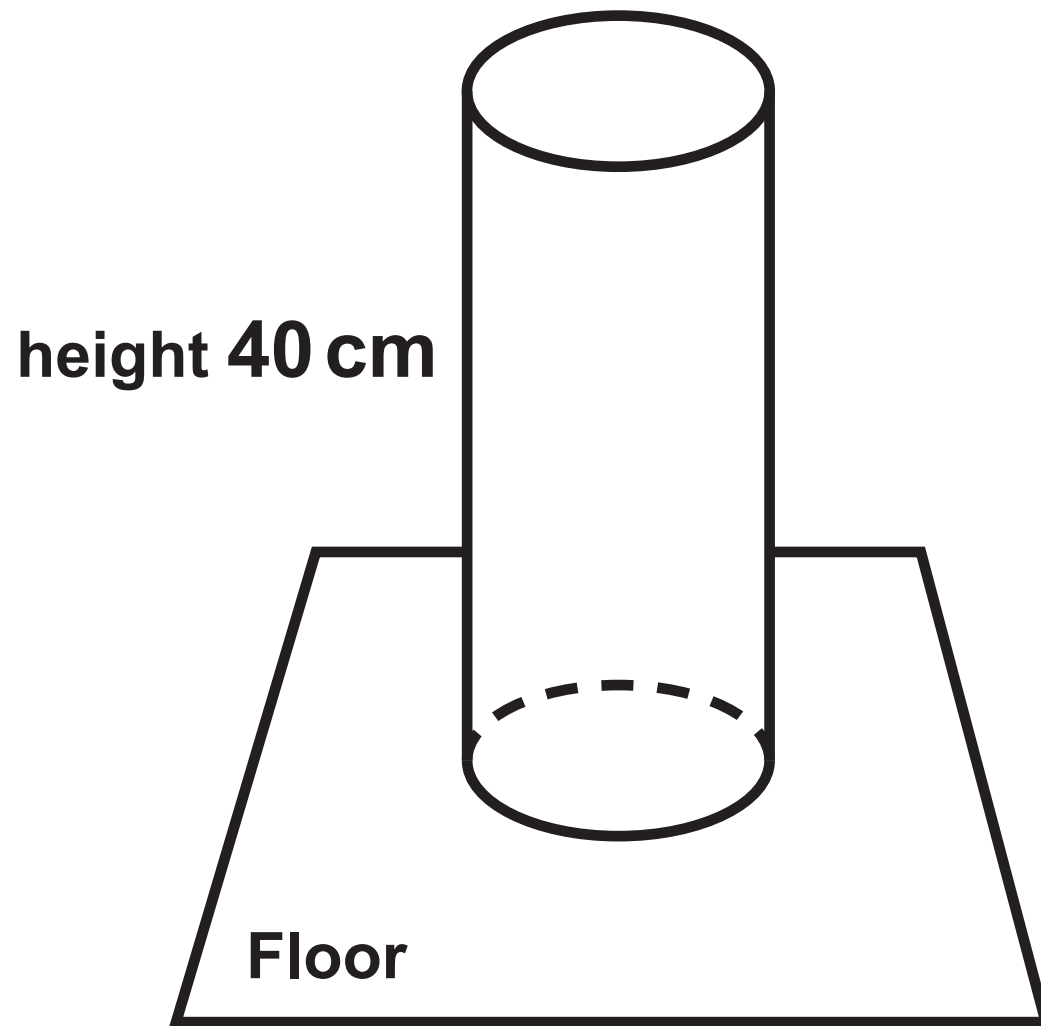


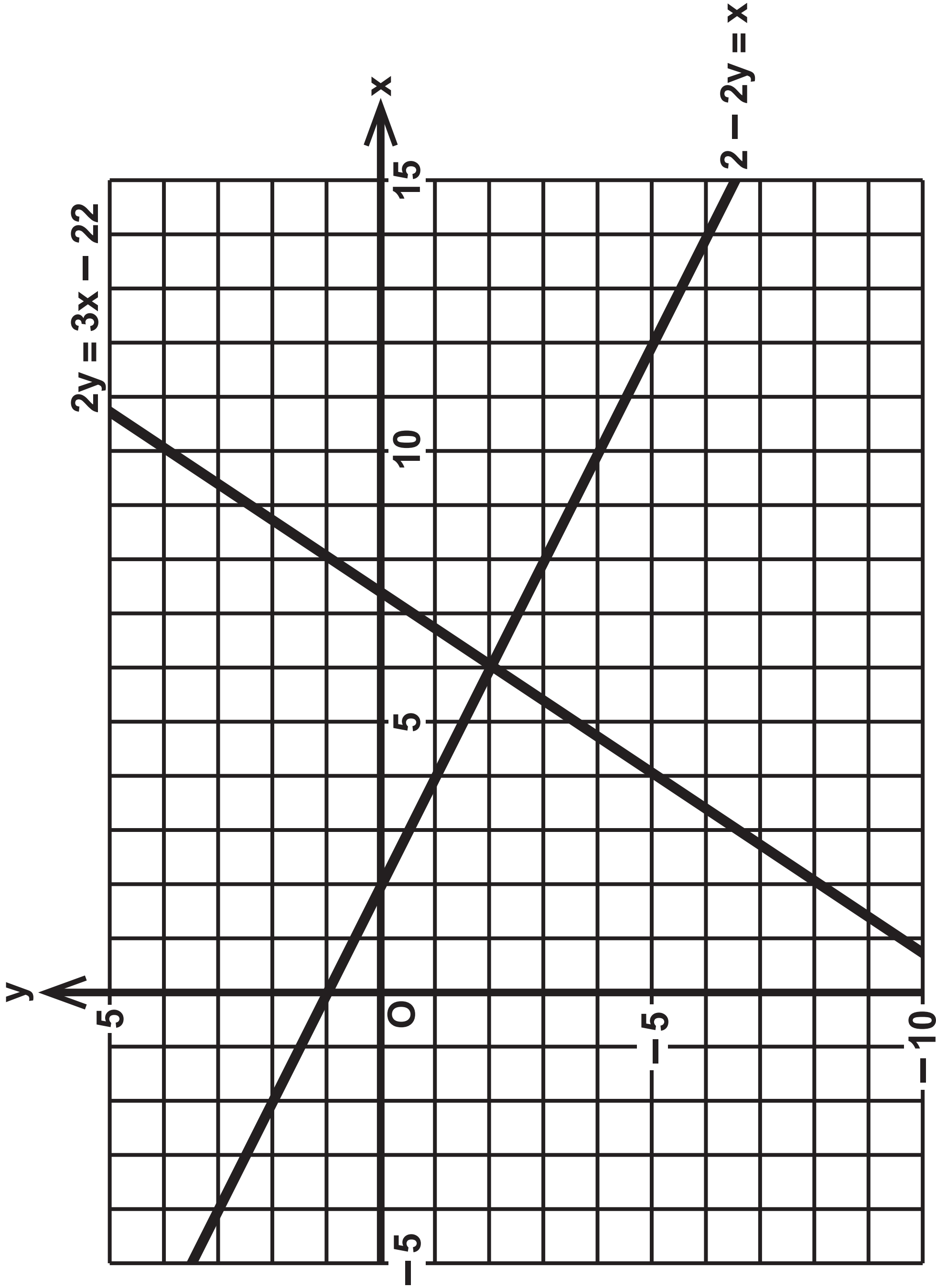
## Question 6



# Question 8

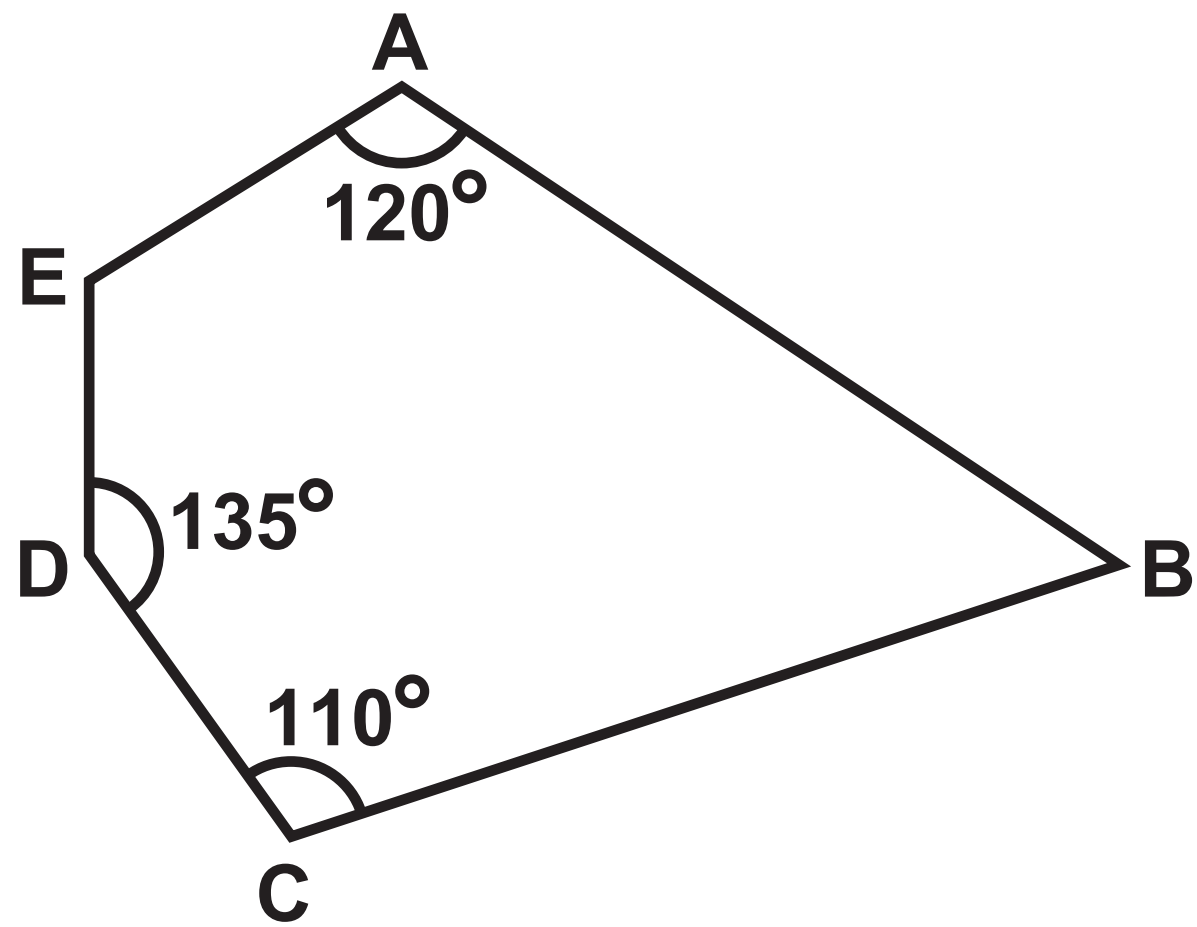
$$\text{pressure} = \frac{\text{force}}{\text{area}}$$



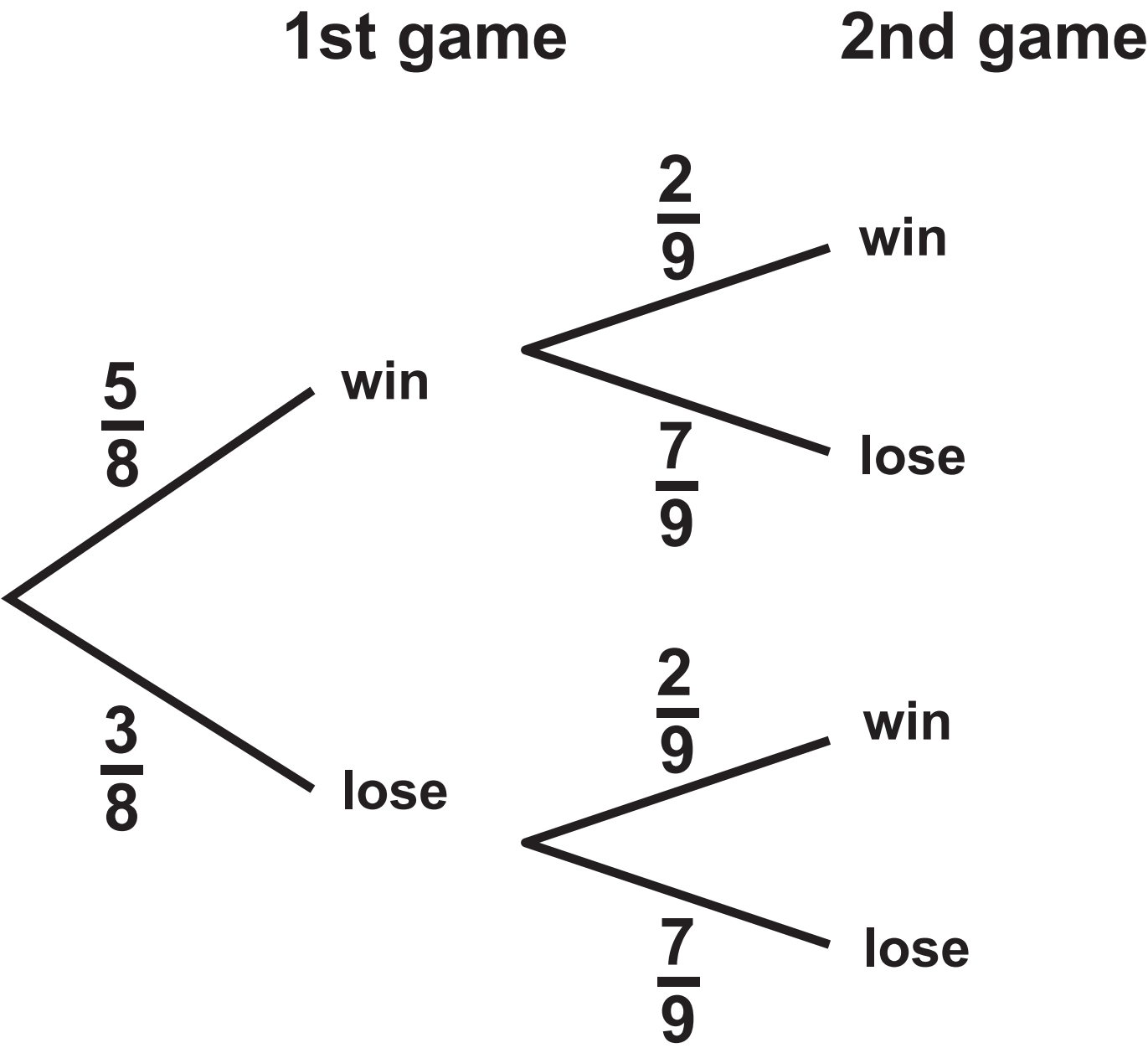




Question 10

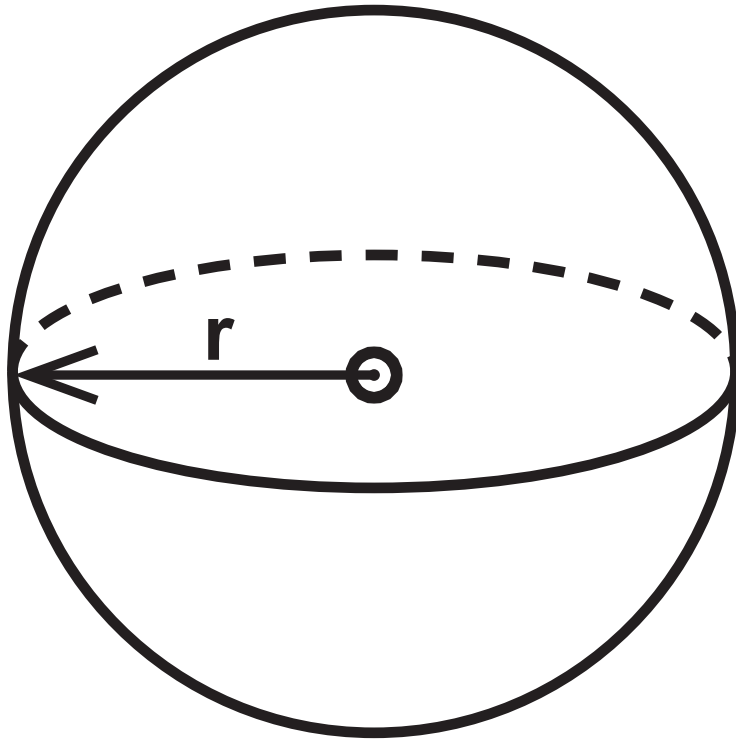


Question 12

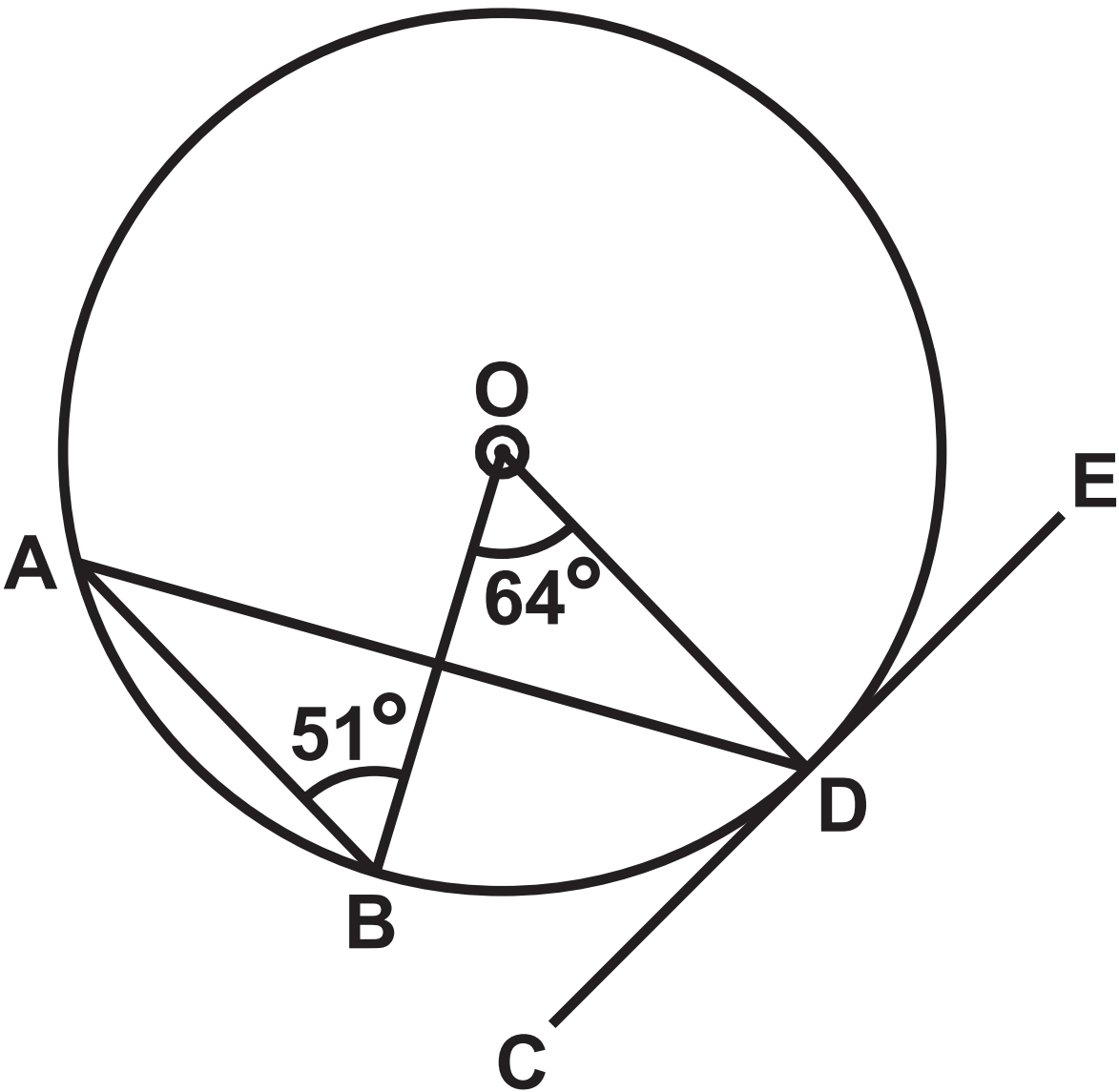


## Question 16

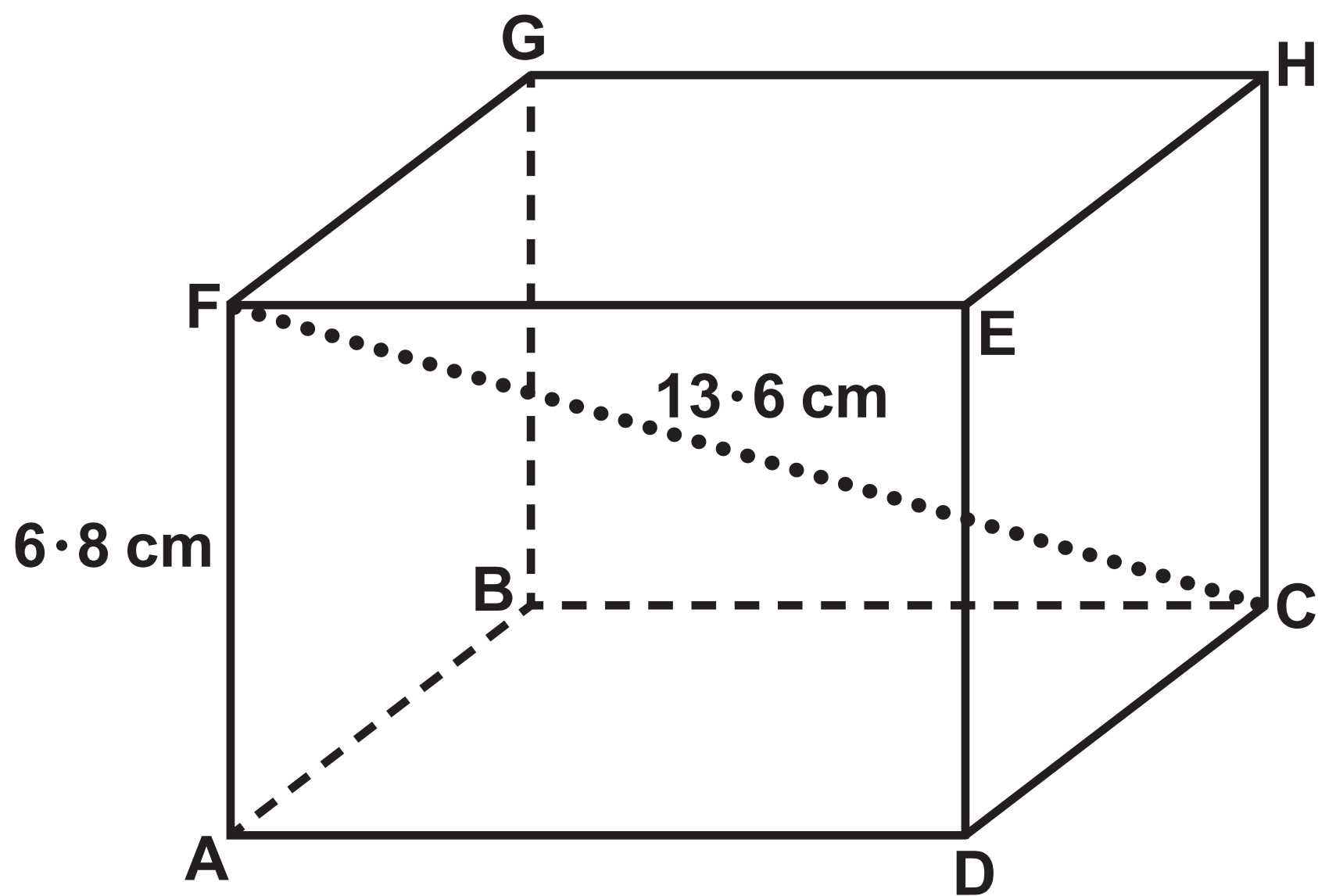
Surface area of sphere =  $4\pi r^2$



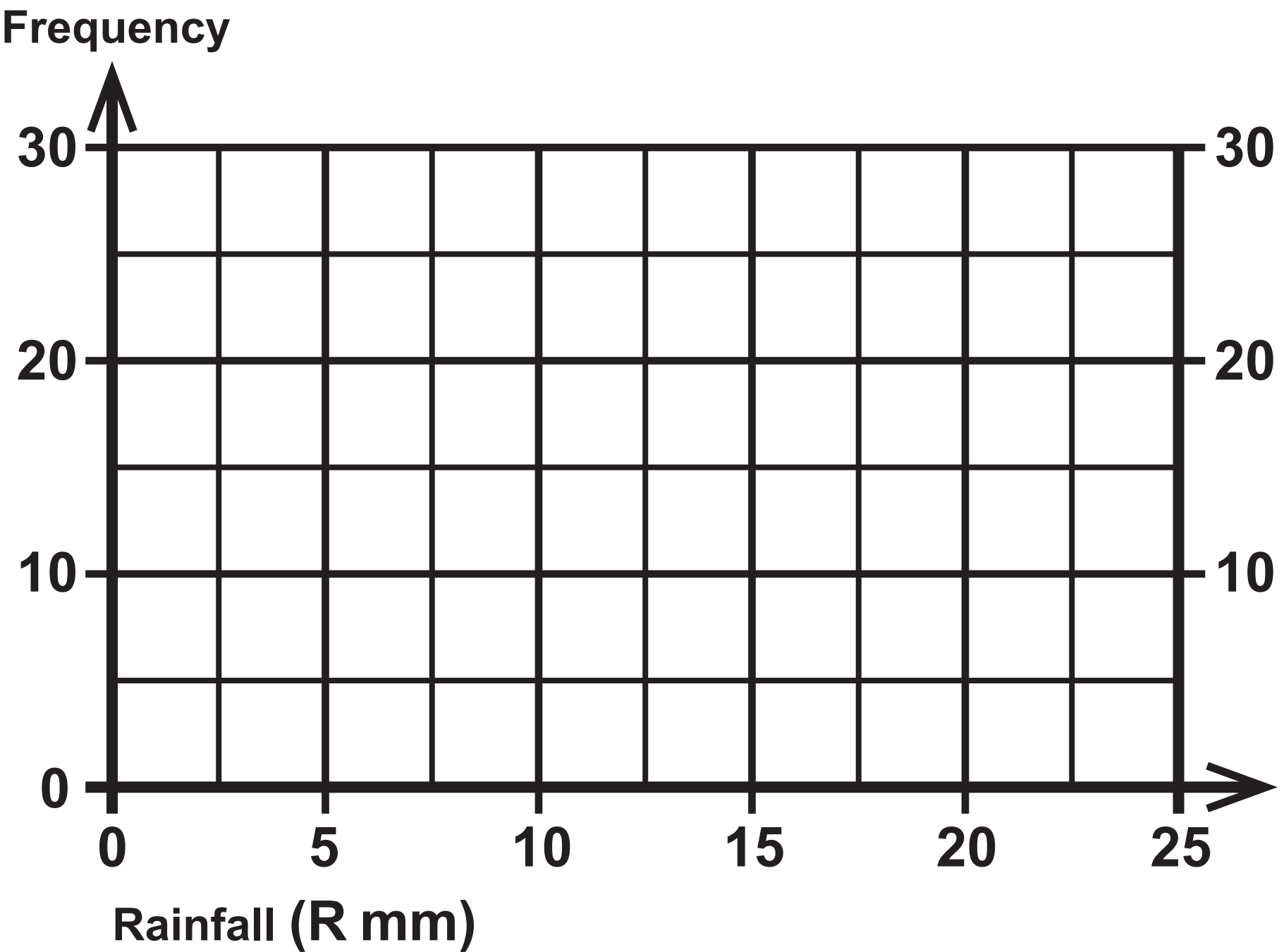
Question 21



Question 22



Question 4



Question 5

