

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

**Mathematics**  
**PAPER 1 (Non-Calculator)**  
**Foundation Tier**

**Friday 19 May 2023 – Morning**

**Diagram Booklet**

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

|                             |  |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| <b>Surname</b>              |  |  |  |  |  |
| <b>Other names</b>          |  |  |  |  |  |
| <b>Centre<br/>Number</b>    |  |  |  |  |  |
| <b>Candidate<br/>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**

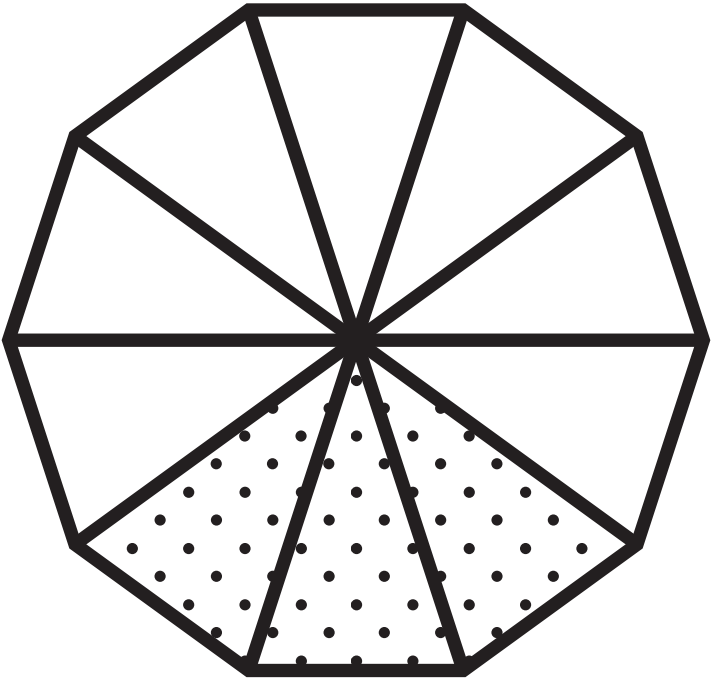
## **Page**

|           |                    |
|-----------|--------------------|
| <b>4</b>  | <b>Question 2</b>  |
| <b>5</b>  | <b>Question 6</b>  |
| <b>6</b>  | <b>Question 8</b>  |
| <b>7</b>  | <b>Question 9</b>  |
| <b>8</b>  | <b>Question 16</b> |
| <b>9</b>  | <b>Question 23</b> |
| <b>10</b> | <b>Question 24</b> |
| <b>11</b> | <b>Question 25</b> |
| <b>12</b> | <b>Question 27</b> |
| <b>13</b> | <b>Question 28</b> |
| <b>14</b> | <b>Question 31</b> |

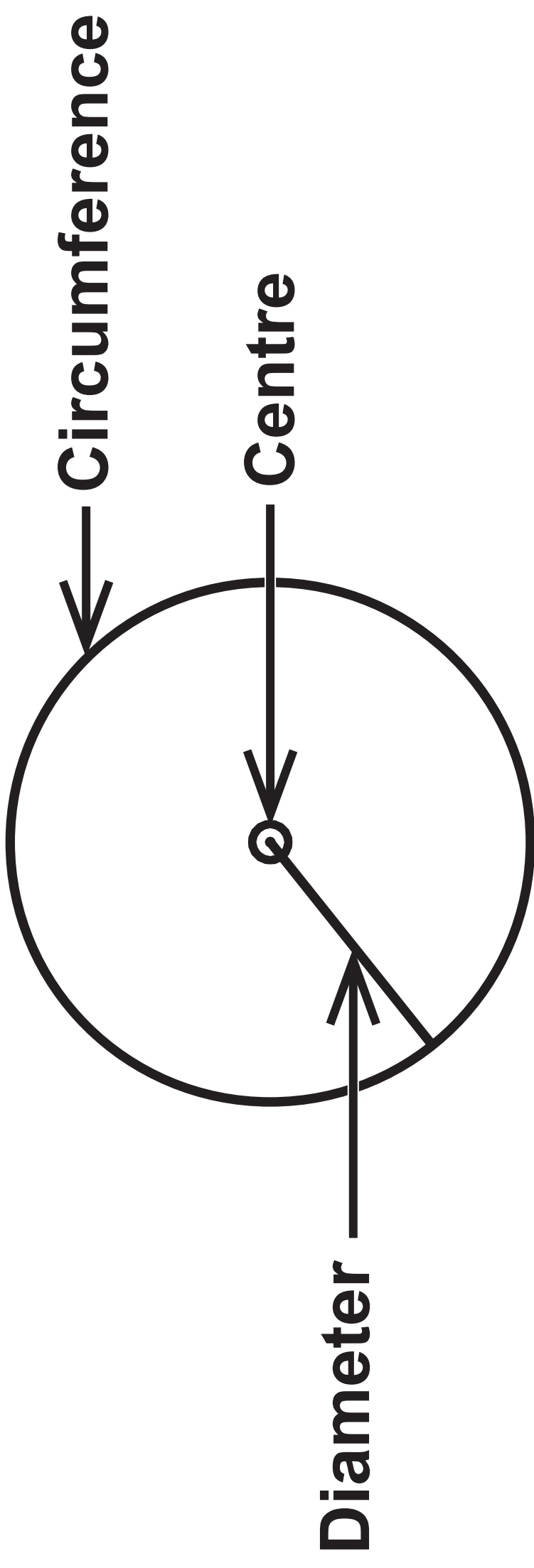
## **Spare Copies**

|           |                    |
|-----------|--------------------|
| <b>15</b> | <b>Question 9</b>  |
| <b>16</b> | <b>Question 23</b> |
| <b>17</b> | <b>Question 24</b> |

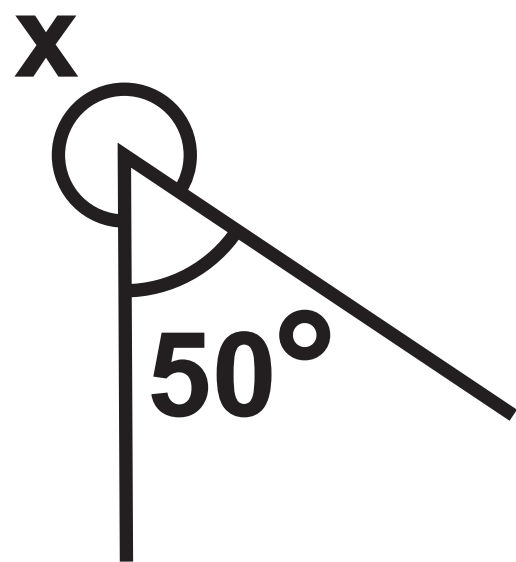
Question 2



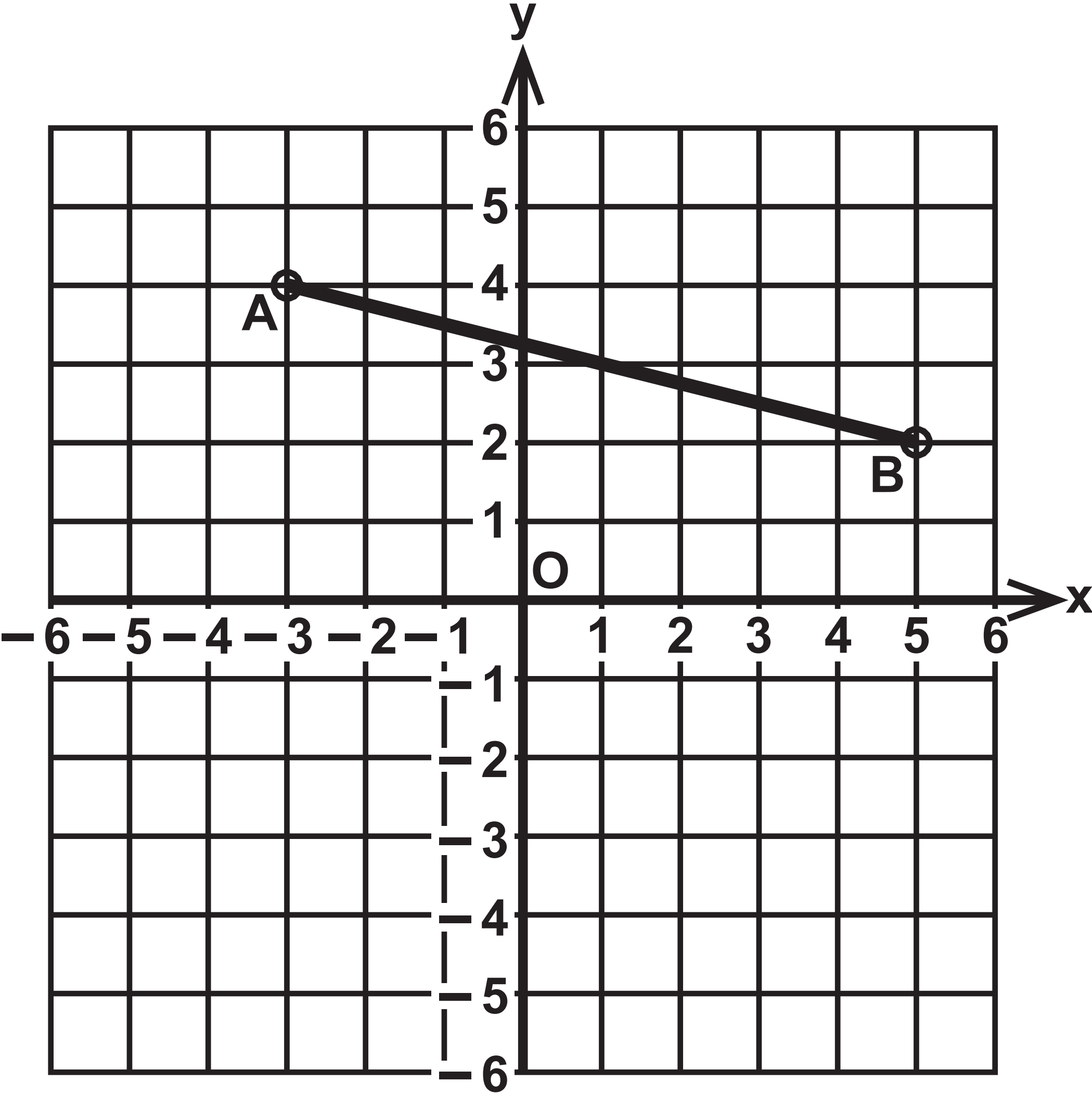
## Question 6



Question 8



Question 9



## **Question 16**

### **Ingredients for 20 biscuits**

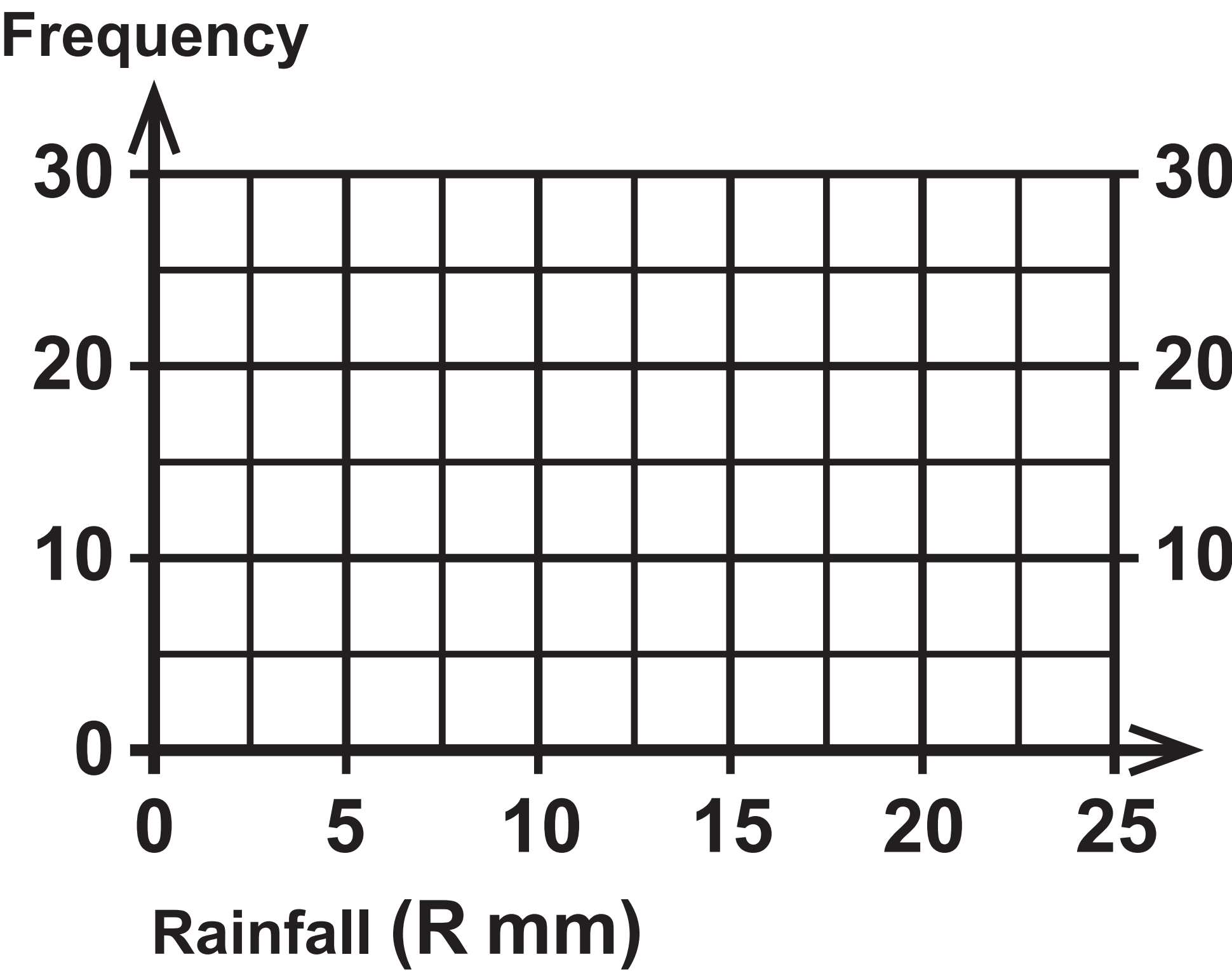
**150 grams butter**

**100 grams sugar**

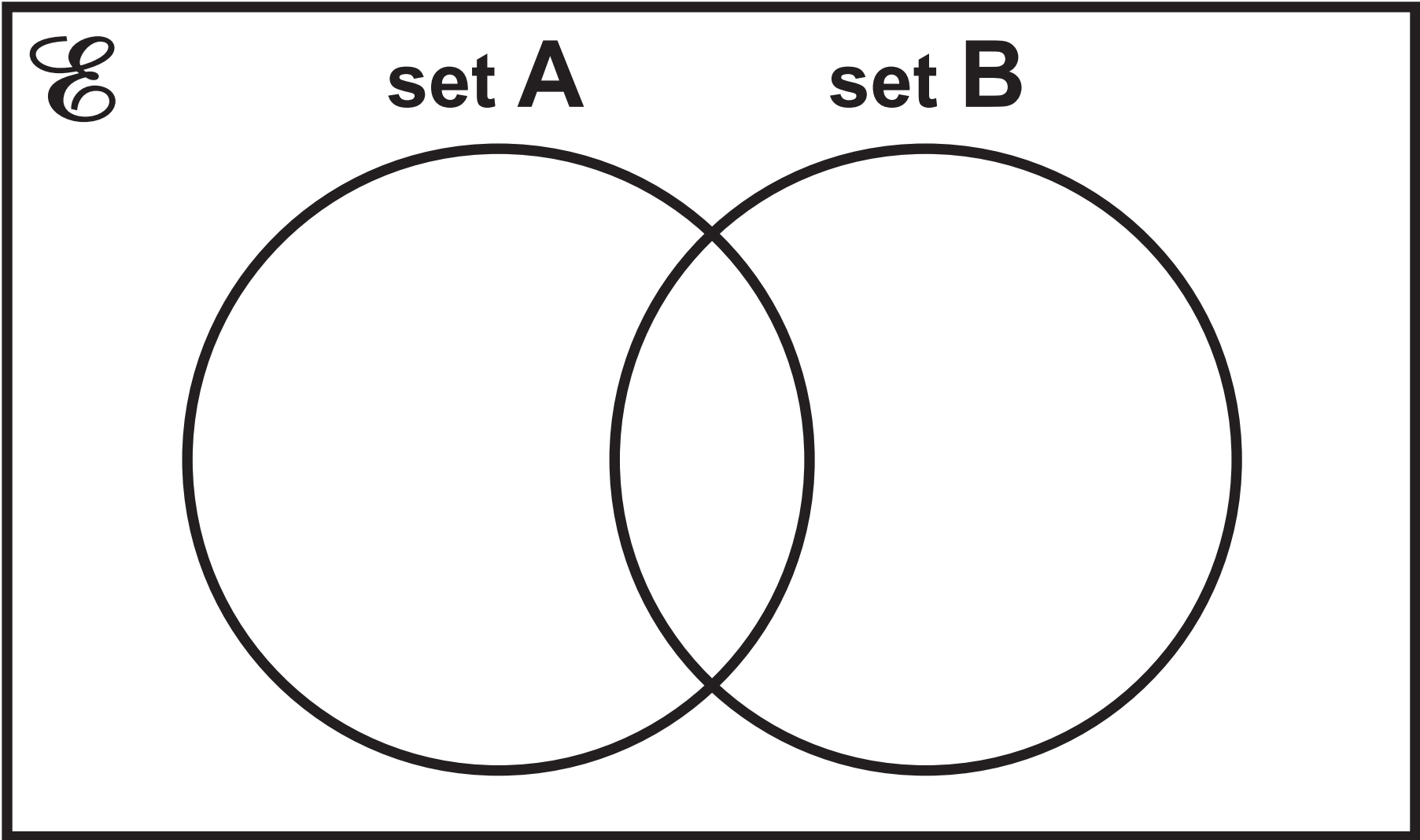
**250 grams flour**



Question 23

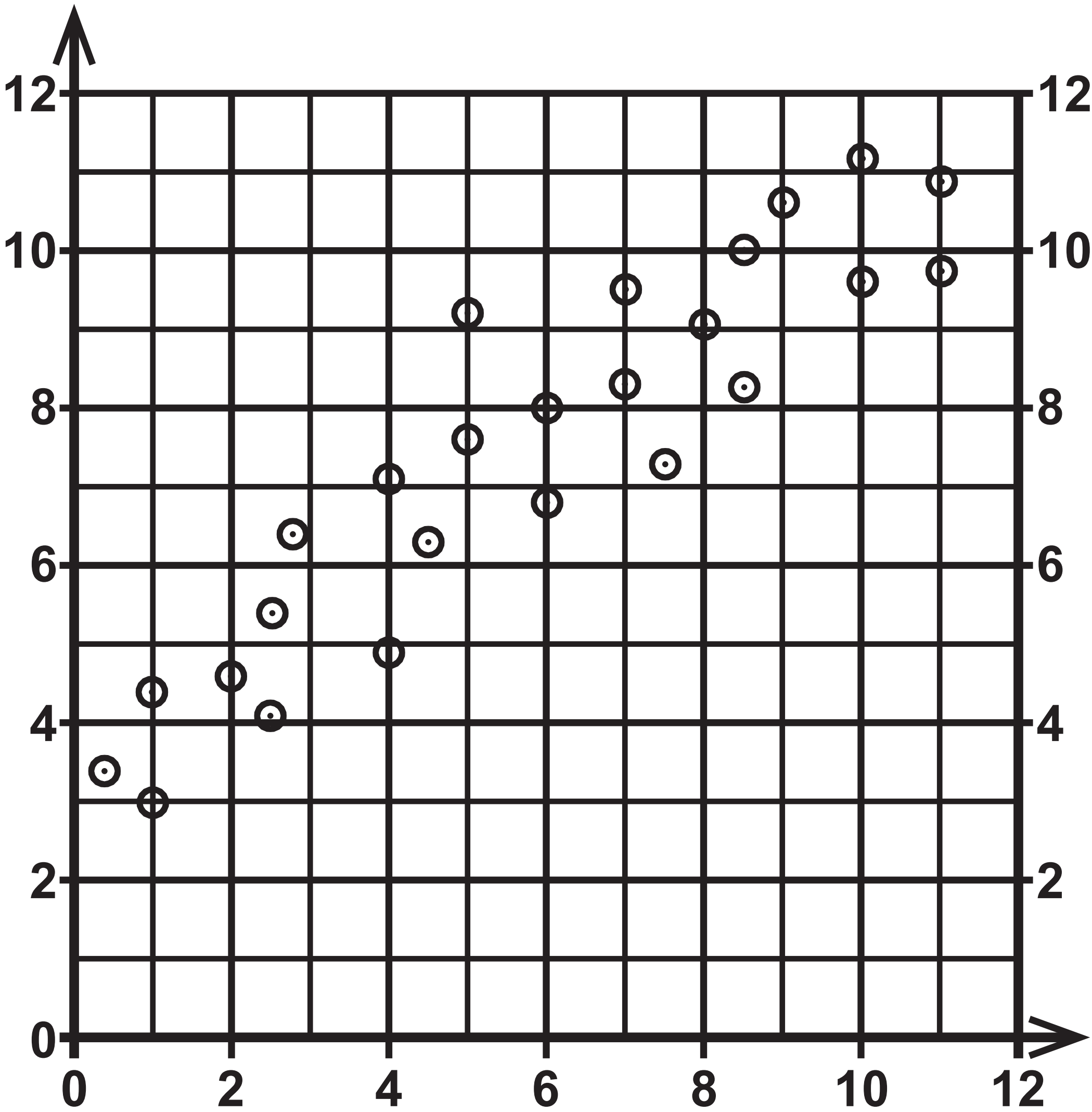


Question 24



Question 25

Weight (kg)

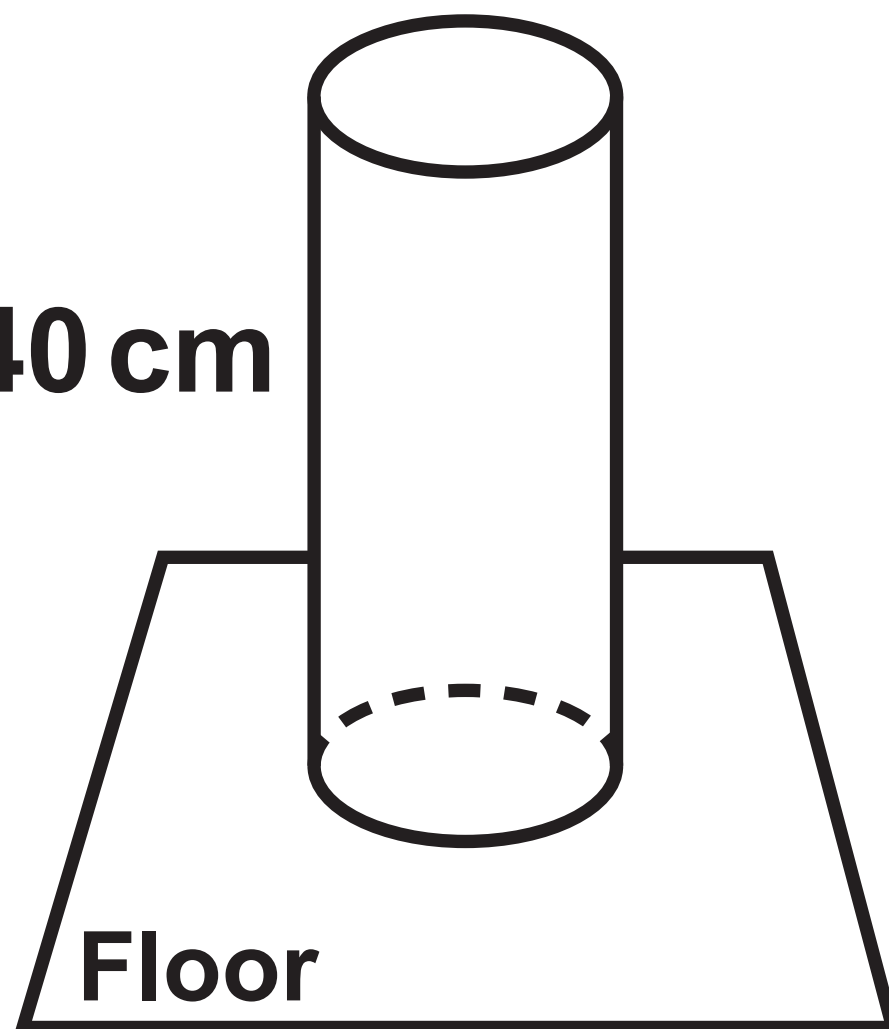


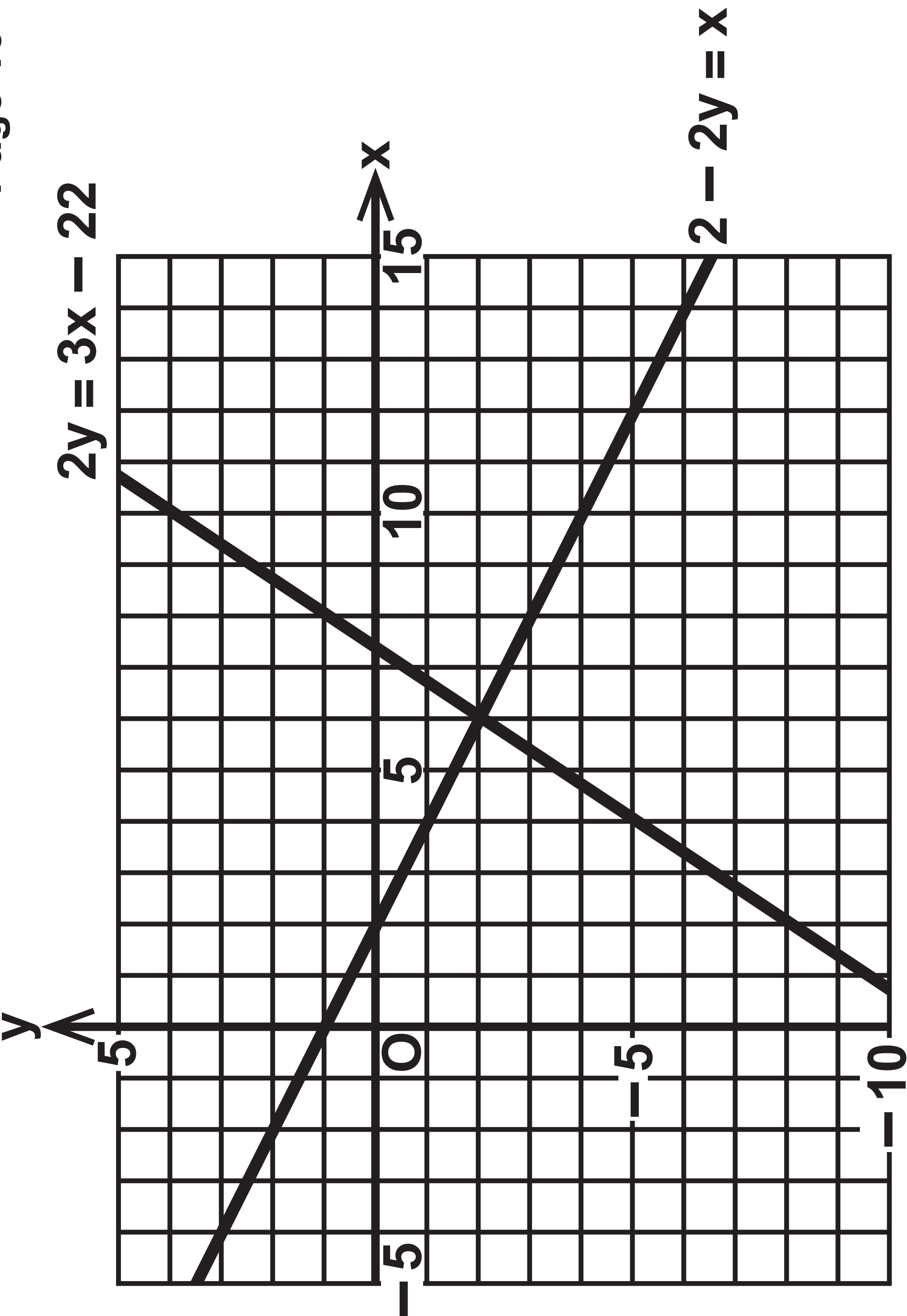
Age (months)

## Question 27

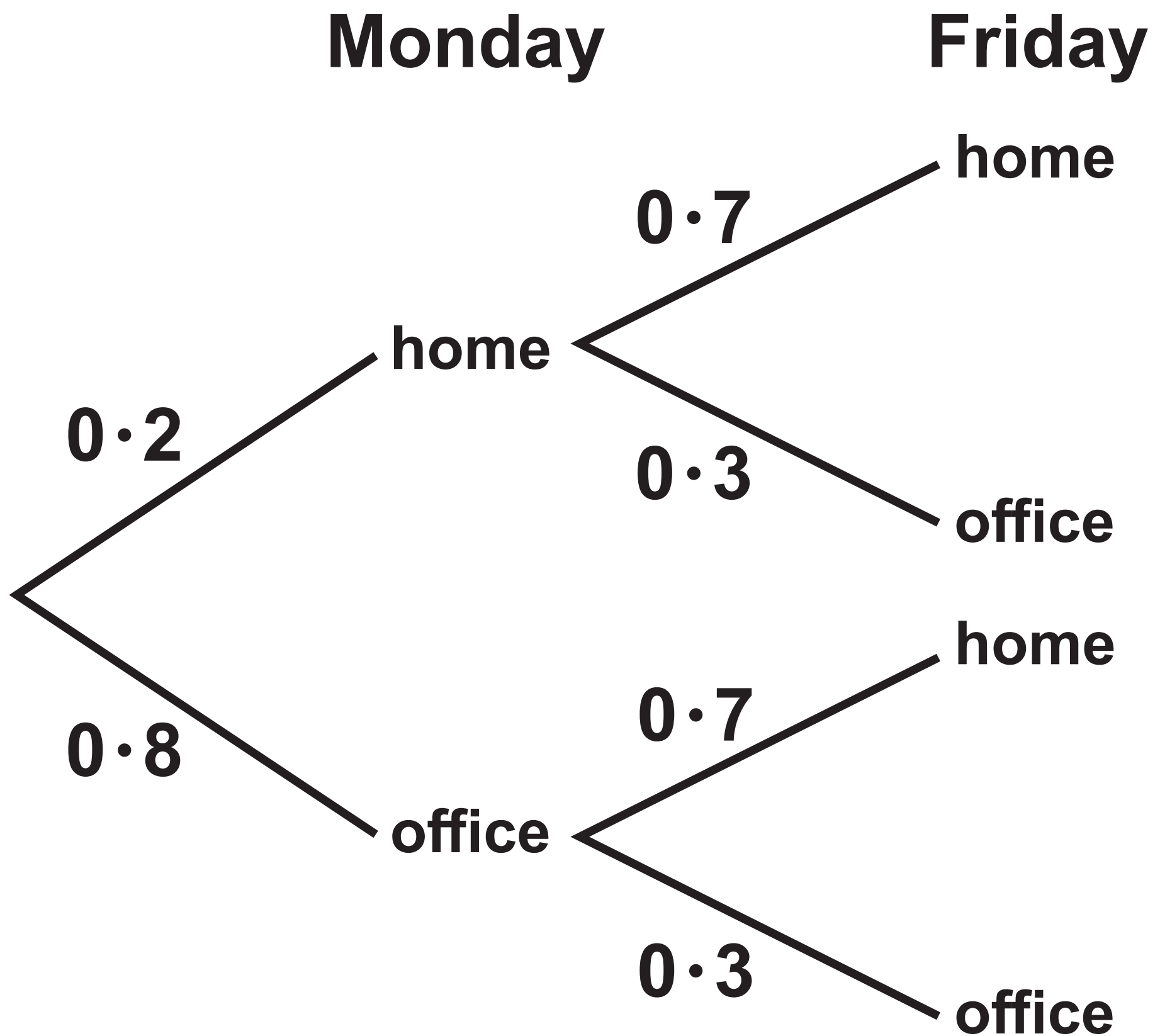
$$\text{pressure} = \frac{\text{force}}{\text{area}}$$

height 40 cm

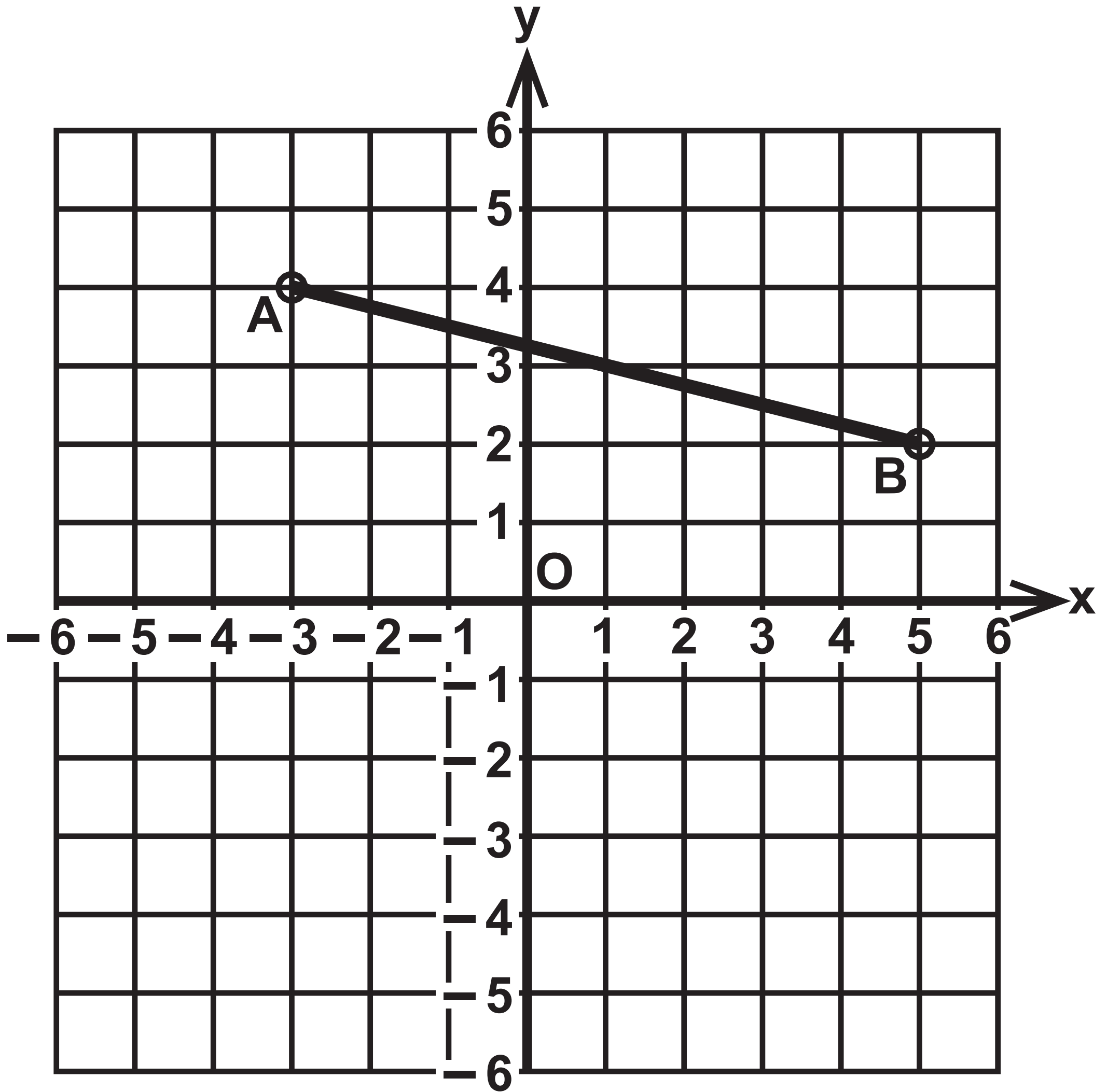




# Question 31

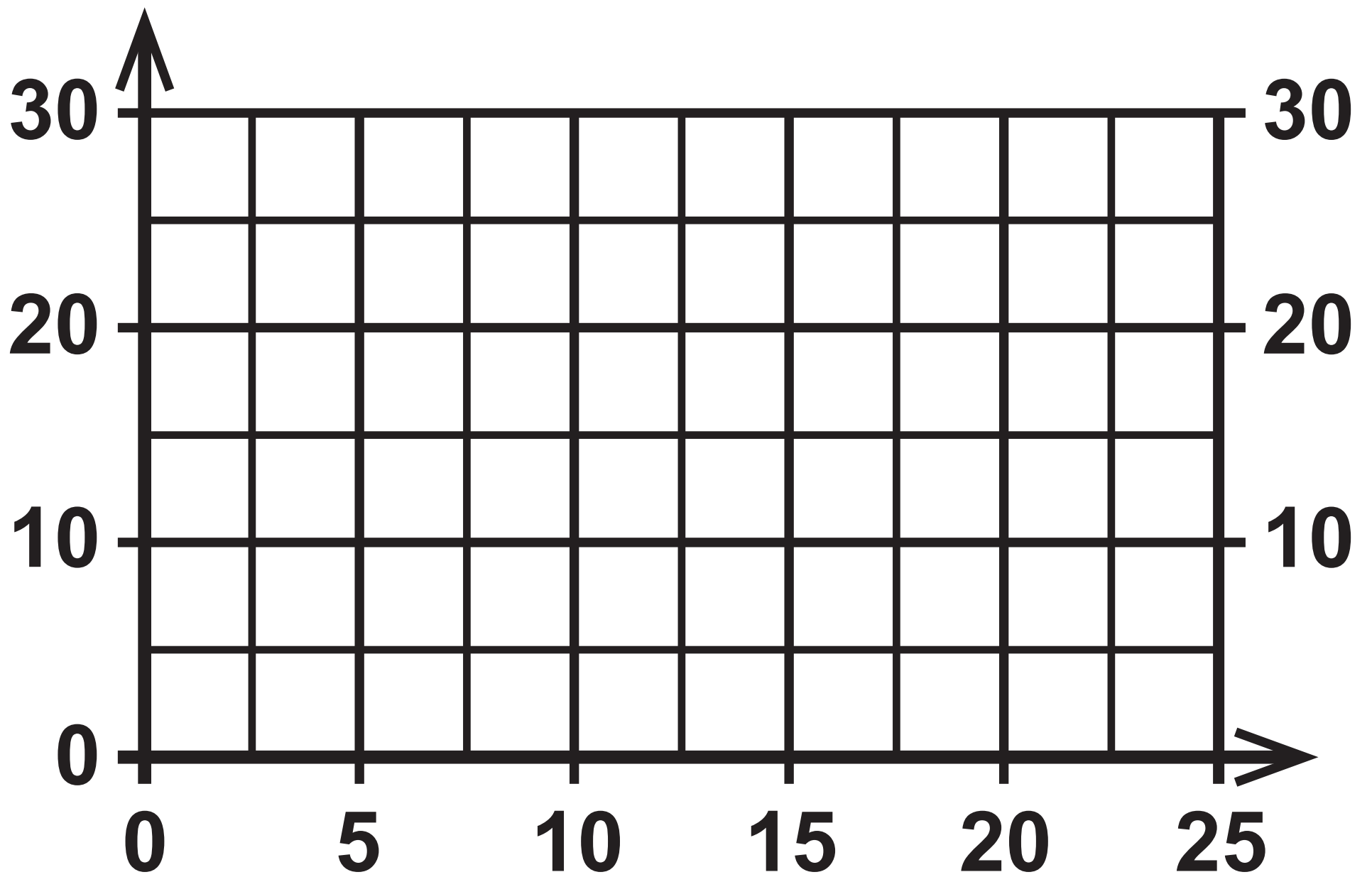


# Question 9



# Question 23

Frequency



Rainfall (R mm)



Question 24

