

**Paper Reference 4MA1/2F**  
**Pearson Edexcel**  
**International GCSE**

# **Mathematics A**

**PAPER 2F**

**Foundation Tier**

**(Calculator)**

# **Diagram Book**

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

## Contents

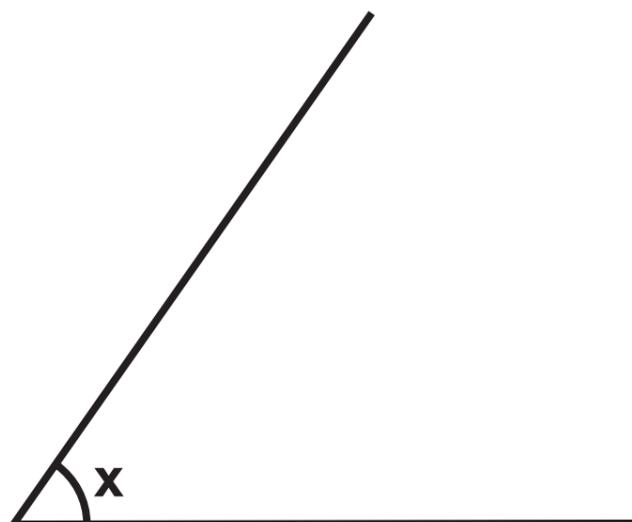
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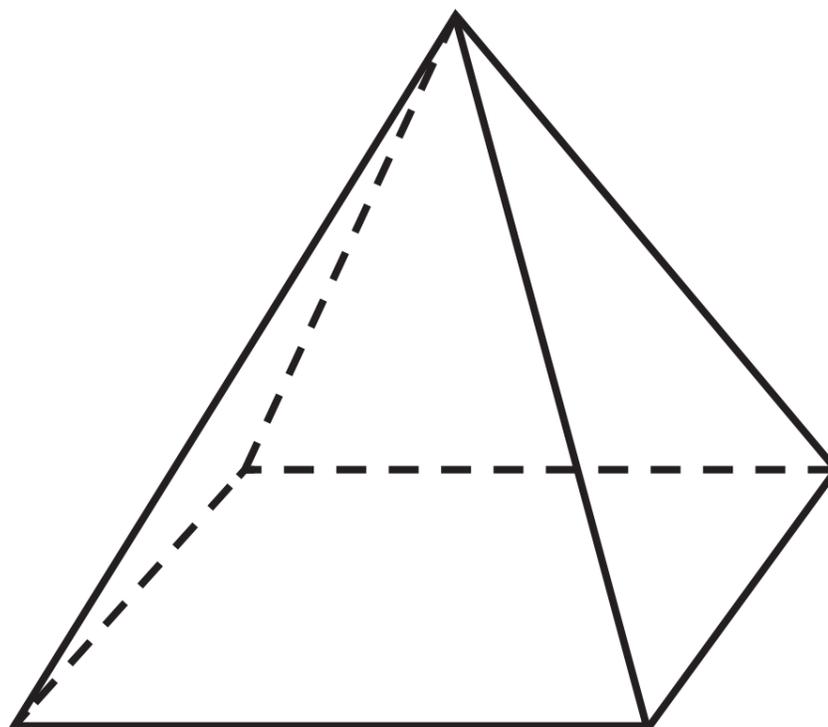
## Question 1

| <b>Ocean</b>    | <b>Length (kilometres)</b> |
|-----------------|----------------------------|
| <b>Arctic</b>   | <b>45 389</b>              |
| <b>Atlantic</b> | <b>111 866</b>             |
| <b>Indian</b>   | <b>66 526</b>              |
| <b>Pacific</b>  | <b>135 663</b>             |
| <b>Southern</b> | <b>17 968</b>              |

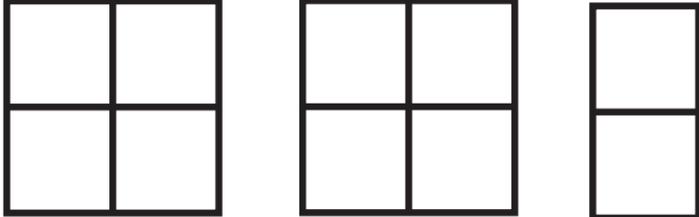
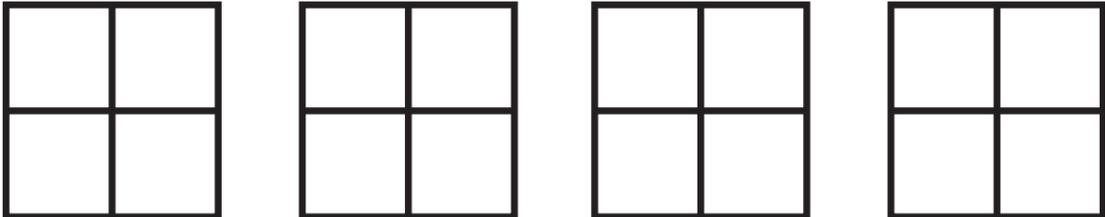
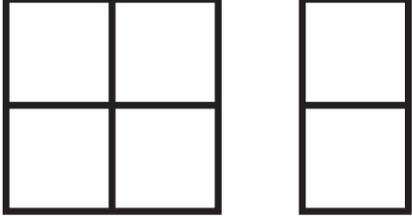
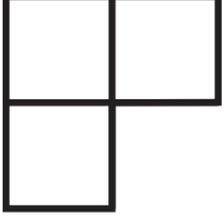
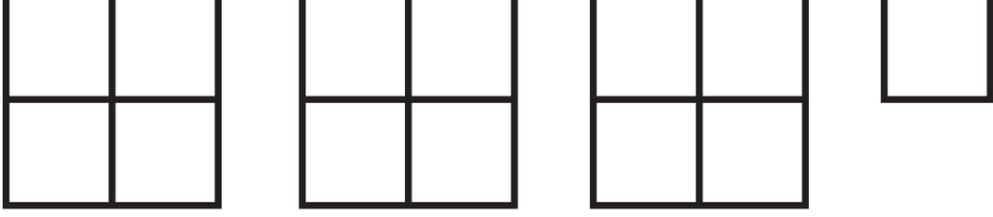
Question 2(b)



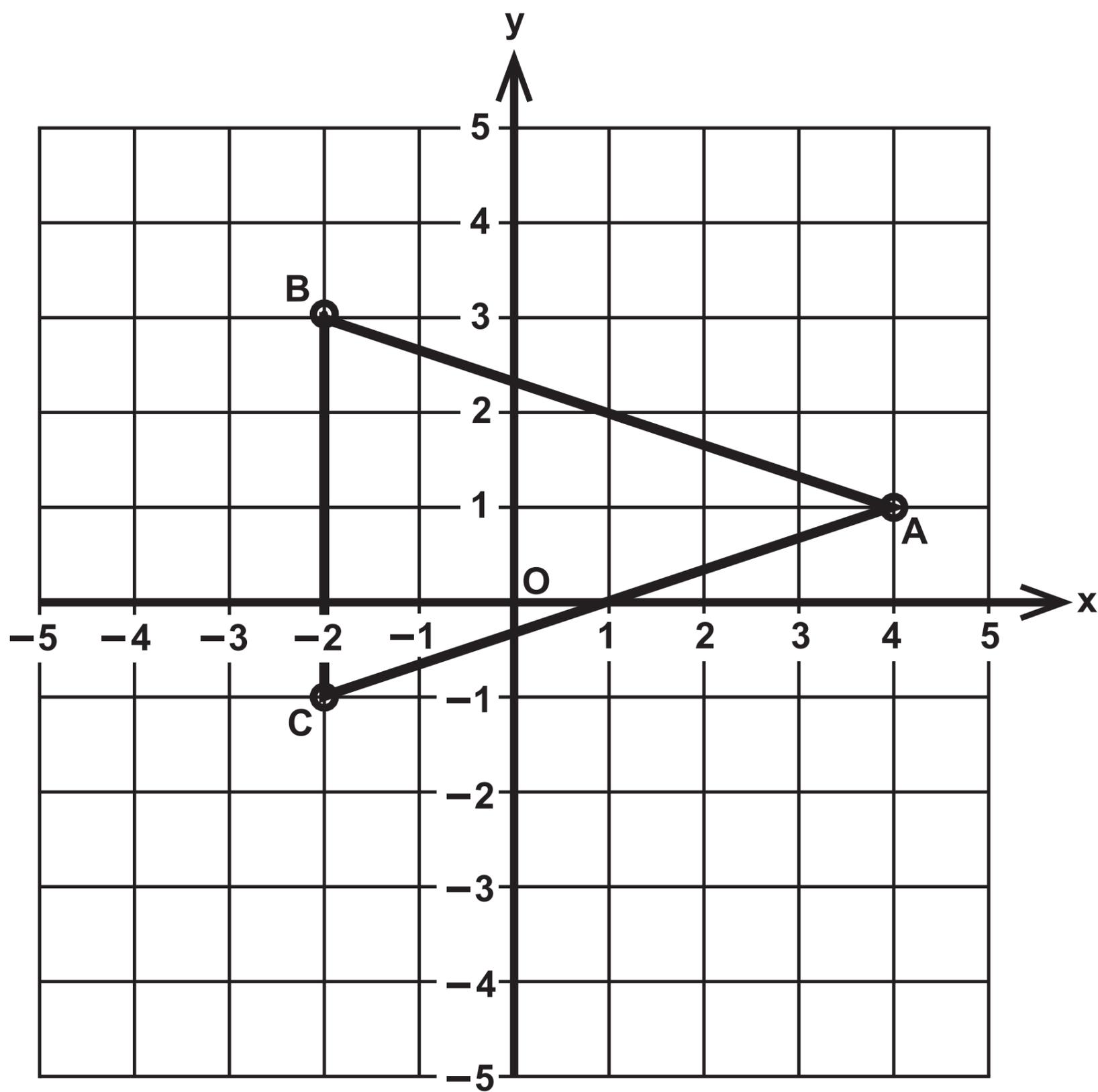
Question 2(c)



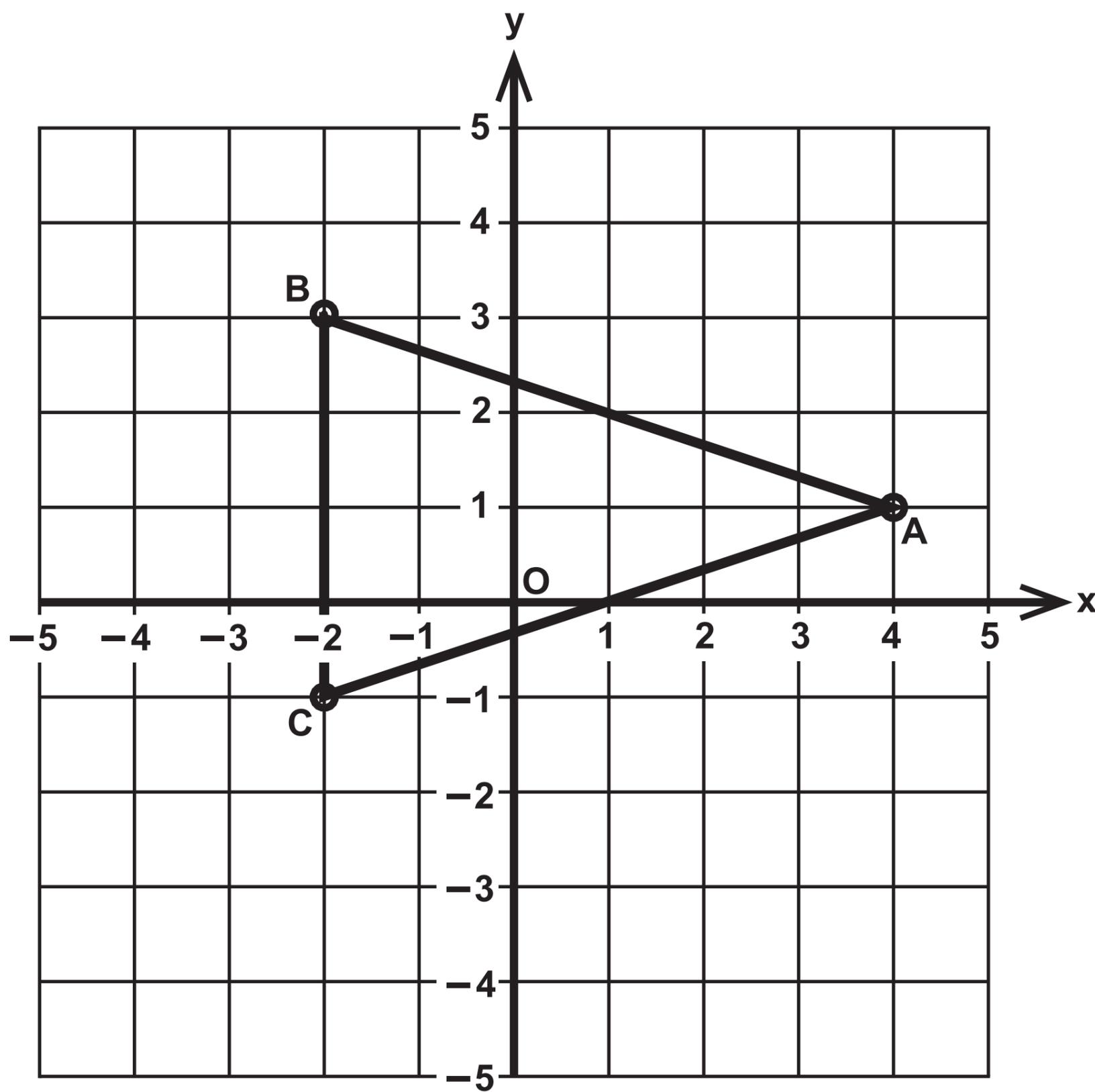
## Question 3

|                  |  |
|------------------|--|
| <b>Monday</b>    |    |
| <b>Tuesday</b>   |   |
| <b>Wednesday</b> |  |
| <b>Thursday</b>  |   |
| <b>Friday</b>    |  |

Question 4



Question 4



Question 5(a)

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Question 5(a)

|  |  |  |  |  |
|--|--|--|--|--|
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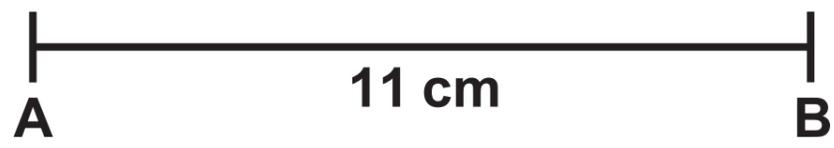
## Question 7

| <b>Starter</b>                      | <b>Main course</b>                                    |
|-------------------------------------|---|
| Fruit (F)<br>Prawns (P)<br>Soup (S) | Burger (B)<br>Curry (C)<br>Lasagne (L)<br>Risotto (R) |

## Question 9

| <b>Number of pieces<br/>of homework</b> | <b>Frequency</b> |
|---|------------------|
| <b>3</b>                                | <b>4</b>         |
| <b>4</b>                                | <b>8</b>         |
| <b>5</b>                                | <b>10</b>        |
| <b>6</b>                                | <b>12</b>        |
| <b>7</b>                                | <b>4</b>         |

Question 10



Question 10



**Question 12**

**Question 12(a)**

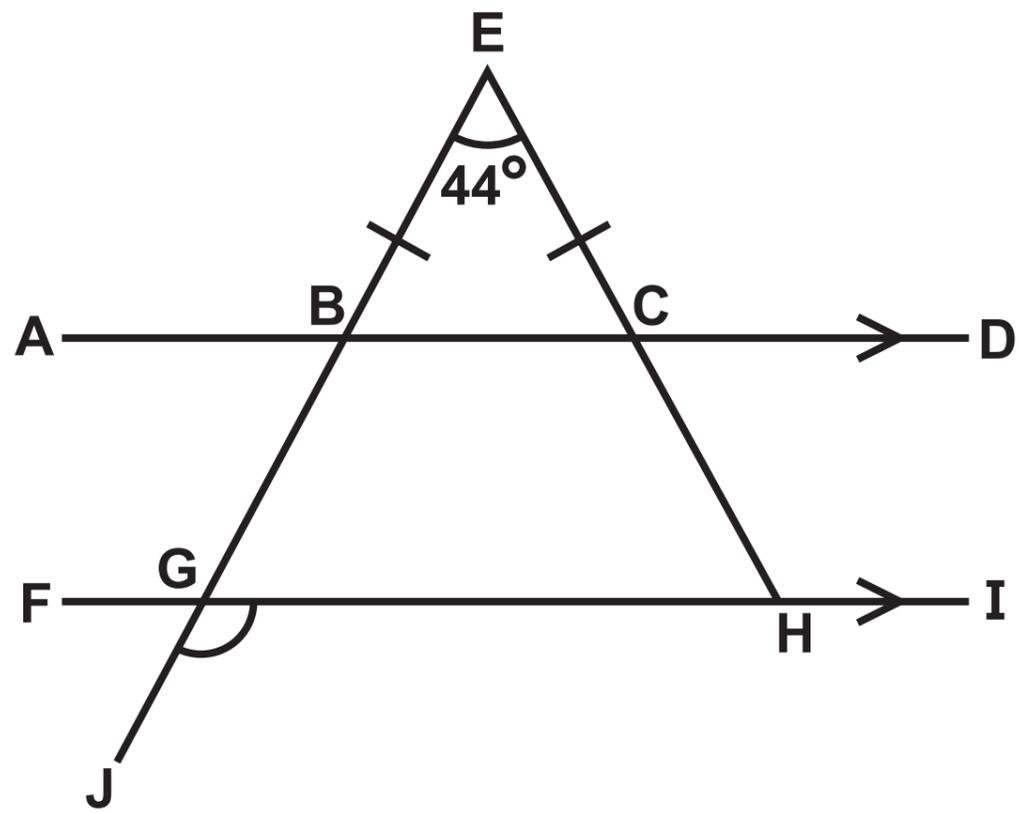
$$\text{Cost} = 65 \times \text{number of days} + 44$$

**Question 12(b)**

$$\text{Cost} = 12.5 \times \text{number of days}$$

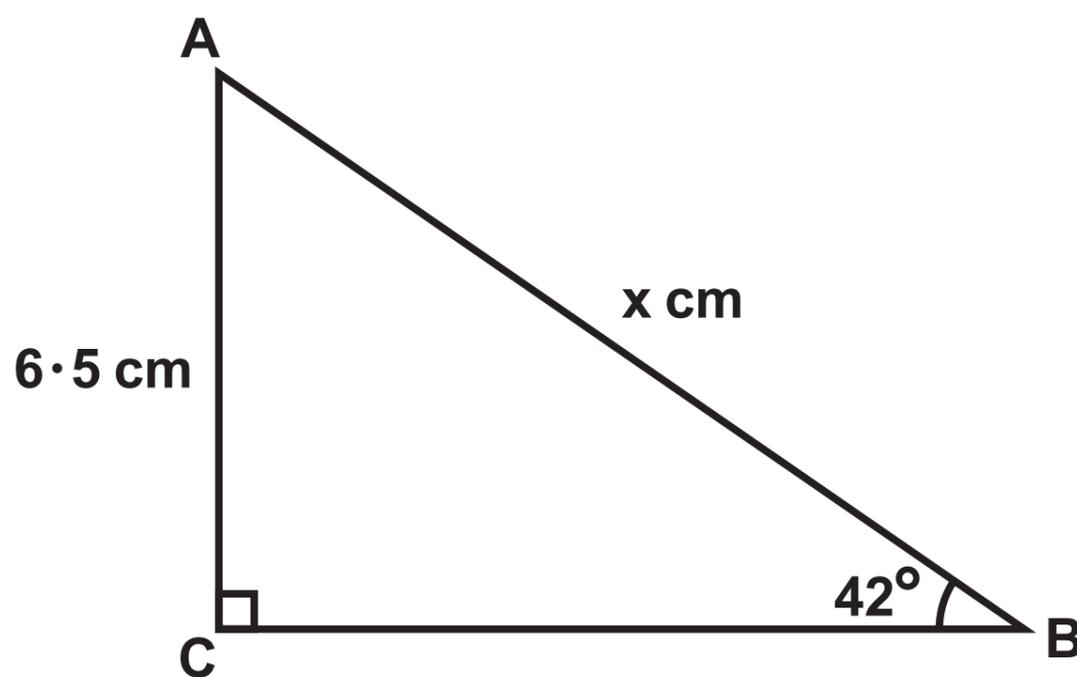
## Question 19

Diagram NOT  
accurately drawn



Question 21

Diagram NOT  
accurately drawn



Question 24

Diagram 1

Diagram NOT accurately drawn

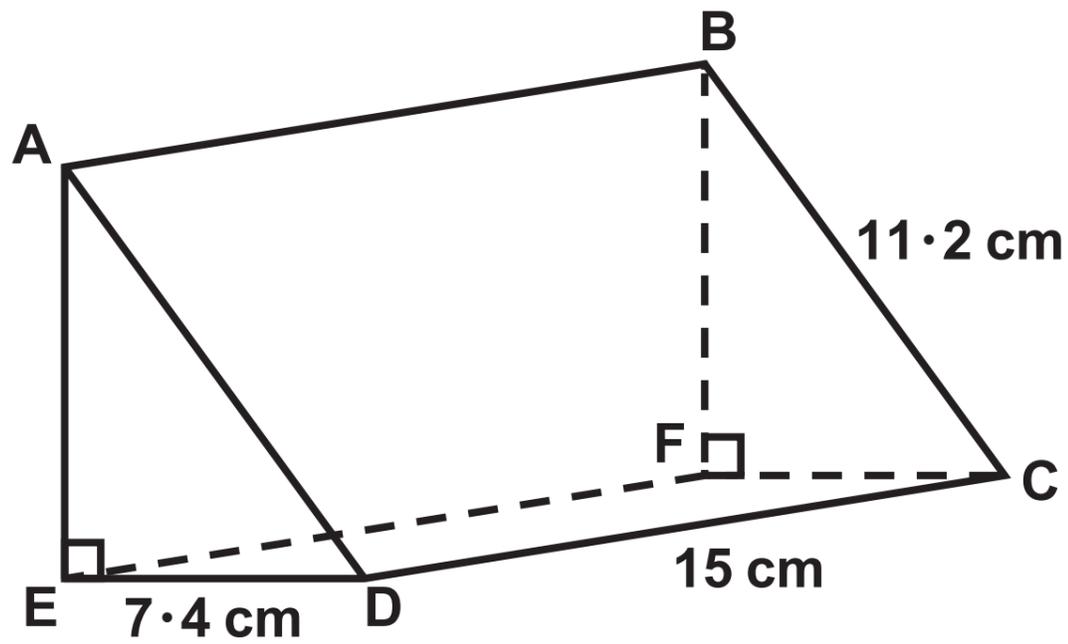


Diagram 2

Diagram NOT accurately drawn

