

Write your name here

Surname	Other names
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**Pearson Edexcel**  
**Level 3 GCE**

Centre Number

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Candidate Number

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# Further Mathematics

**Advanced Subsidiary**  
**Further Mathematics options**  
**Decision Mathematics 1**

Sample Assessment Material for first teaching September 2017

Paper Reference  
**8FM0/2K**

**Answer Book**

Do not return the question paper with the answer book.

Total Marks

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Turn over ►

S58536A

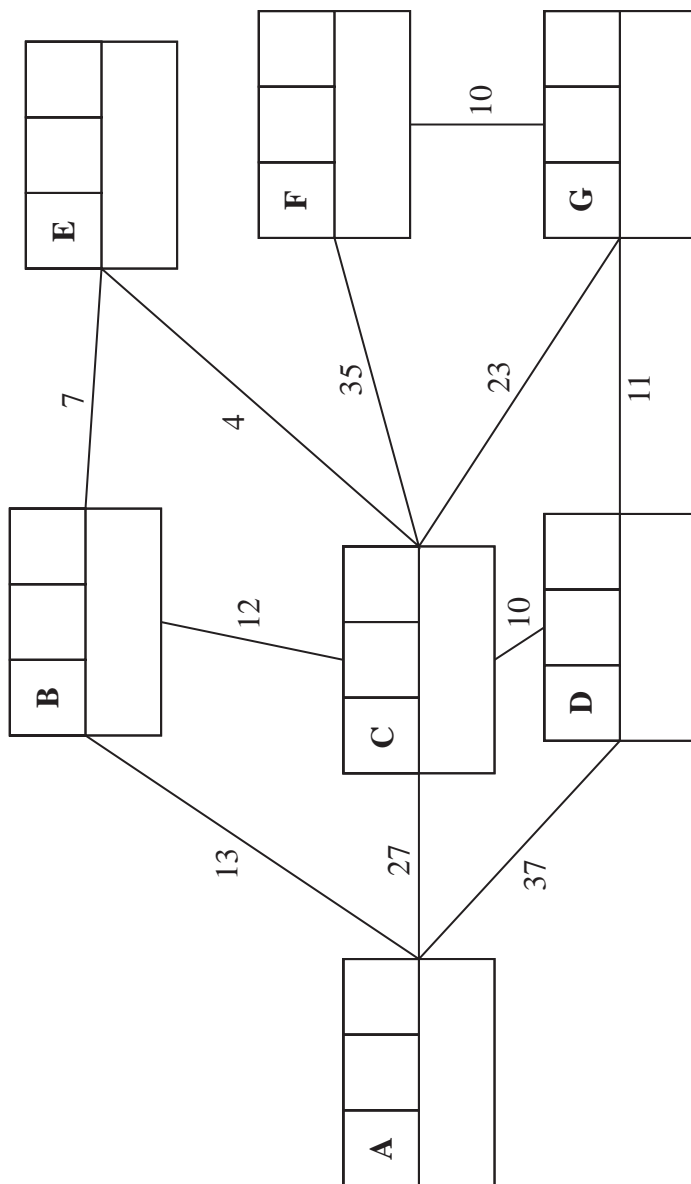
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Pearson

1.



Key:

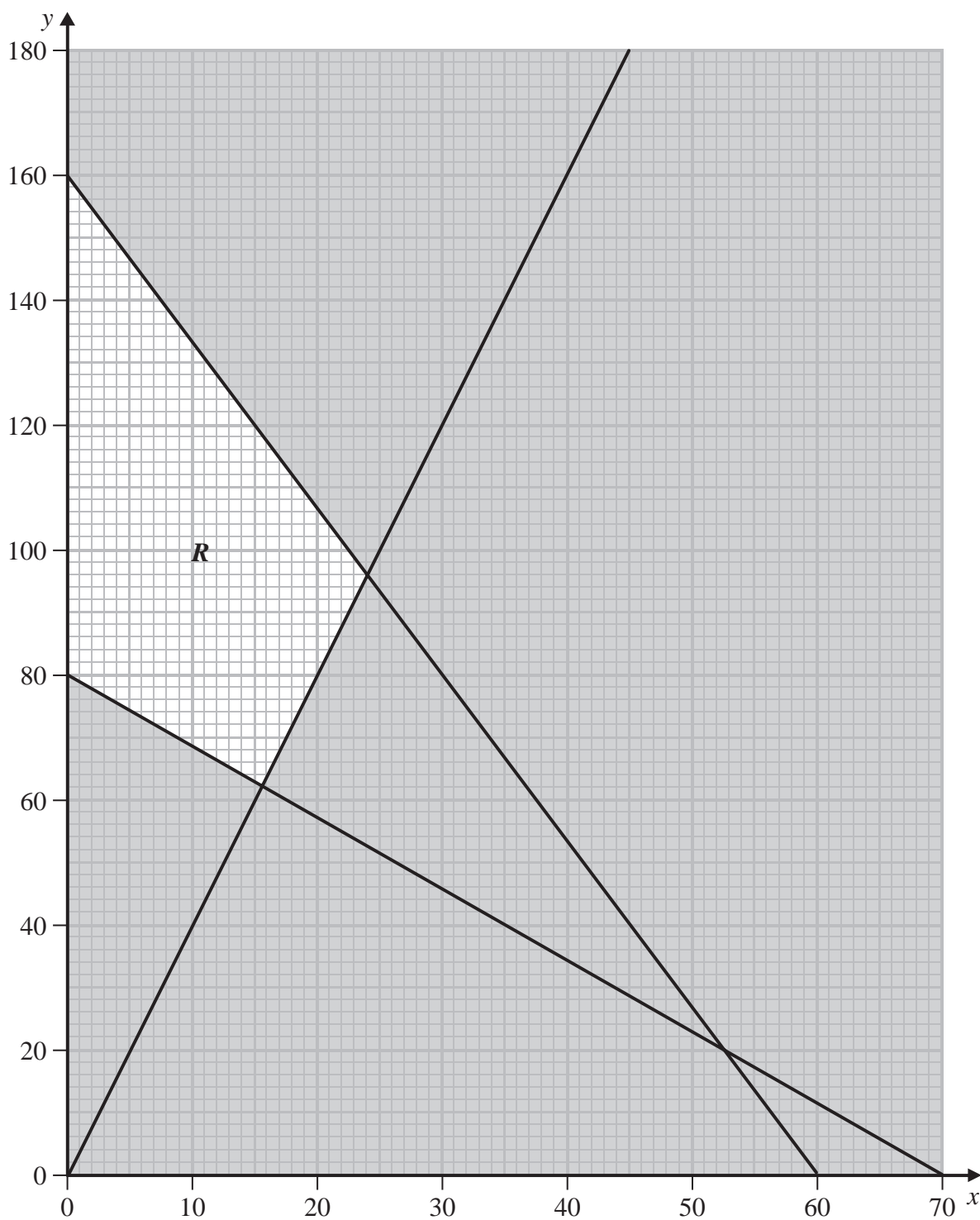
Vertex	Order of labelling	Final values
Working value		

Shortest path: \_\_\_\_\_

Length of shortest path: \_\_\_\_\_



2.



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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

**Question 2 continued**

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DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Lined area for writing answers.

**(Total for Question 2 is 7 marks)**

3. (a) and (b)

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**(Total for Question 3 is 7 marks)**

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4.

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**(Total for Question 4 is 9 marks)**

5.

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**(Total for Question 5 is 5 marks)**

**TOTAL IS 40 MARKS**