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| **Pearson Edexcel Level 3** |
| **GCE Further Mathematics****Advanced Subsidiary** **Decision Mathematics 1** |
| **Answer Booklet** | **Paper Reference(s)** |
| **8FM0/27** |

**Question 1**

*You may not need to use all the rows in this table.*

 *It may not be necessary to complete all boxes in each row*.

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**Final output: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Question 2**

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**Question 3**

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

**Question 3 continued**

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**Question 4 continued –**

**[B**lank set of axes from 0 to 600 on the *x*-axis and 0 to 1200 on the *y*-axis – see MS for correct scaling and values. The *x*‑axis should be labelled ‘number of lemon cakes’ and the *y*-axis should be labelled ‘number of cherry cakes’]

**Question 4 continued**

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