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| **Topic 5: Calculus** | **Graphical Relationships of Derivatives (AA Only)** | |
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| 1. The following graph shows part of the graph of . | |  |
| The graph has a local max at where , and a local min at where . | | |
| 1. On the following axis, sketch the graph of . 2. Write down the following in order from greatest to least:     Mark scheme: | | (4 marks)  (2 marks)  (3 marks)    (2 marks)    (A1) (A1) for each correct x-intercept  (A1) for correct shape (A1) for a negative y-intercept  (A2) |
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