

Paper Reference 9FM0/3A
Pearson Edexcel
Level 3 GCE

Further Mathematics
Advanced
PAPER 3A: Further Pure Mathematics 1

Wednesday 19 June 2024 – Afternoon

Diagram Booklet

**THIS DIAGRAM BOOKLET MUST BE
RETURNED WITH THE ANSWER BOOKLET AT
THE END OF THE EXAMINATION.**

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

Surname					
Other names					
Centre Number					
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INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

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Spare Copies

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Question 1

x	y
2	1.946
2.5	2.225
3	
3.5	2.725
4	2.944
4.5	3.146
5	3.332

Question 4

The Taylor series expansion of $f(x)$ about $x = a$ is given by

$$f(x) = f(a) + (x - a)f'(a) + \frac{(x - a)^2}{2!} f''(a) + \dots + \frac{(x - a)^r}{r!} f^{(r)}(a) + \dots$$

Question 1

x	y
2	1.946
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