A Level Math

9709/32

Paper 3

October November 2022

Full Solution

Cambridge International AS & A Level

CANDIDATE NAME

CENTRE NUMBER

CANDIDATE NUMBER

MATHEMATICS 9709/32

Paper 3 Pure Mathematics 3 October/November 2022

1 hour 50 minutes

You must answer on the question paper.

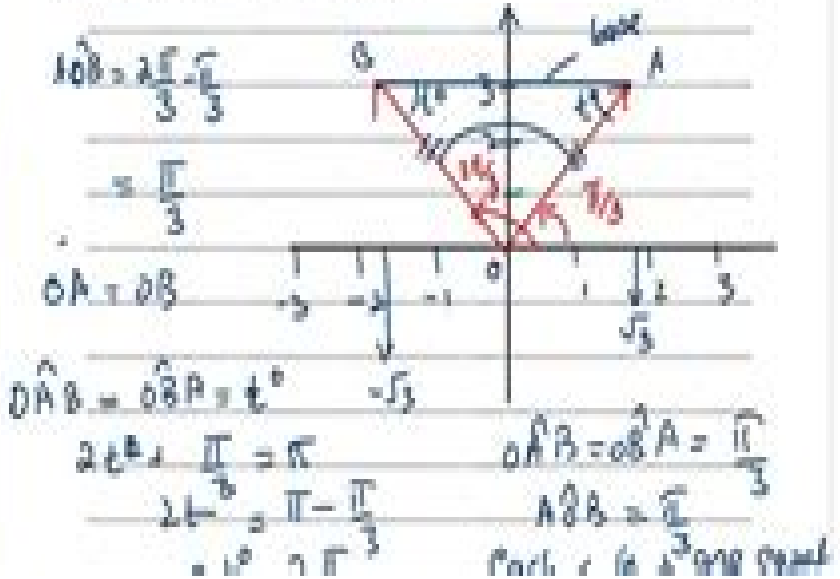
You will need: List of formulae (MF19)

Full solution

INSTRUCTIONS

- Answer all questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do not use an erasable pen or correction fluid.
- Do not write on any bar codes.
- If additional space is needed, you should use the lined page at the end of this booklet; the question number or numbers must be clearly shown.
- You should use a calculator where appropriate.
- You must show all necessary working clearly; no marks will be given for unsupported answers from a calculator.
- Give non-exact numerical answers correct to 3 significant figures, or 1 decimal place for angles in

(a) Hence show that the triangle OAB is equilateral. [1]



October November 2012 Mathematics As Level 9709 03 Paper

Hugh Neill,Douglas Quadling,Julian Gilbey

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