NATIONAL CERTIFICATE

MATHEMATICS N4

(16030164)

20 November 2024 (X-Paper) 09:00-12:00

Calculators may be used.

This question paper consists of 5 pages and a 1-page formula sheet.

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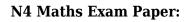
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DHET		-3- T1050(E)(M28)	
QUEST	TION 1		
1.1	1.1.1	Sketch the graph of $\frac{x^2}{20} + \frac{y^3}{32} = \frac{1}{50}$	(3)
	1.1.2	What is the domain of the graph in QUESTION 1.1.17	(2)
	1.1.3	Is the graph in QUESTION 1.1.1 symmetrical about both axes?	(1)
	1.1.4	Does the graph in QUESTION 1.1.1 represent a function or a relation?	(1)
1.2	Steetch t	the graph of $x = +\sqrt{27 + y^2}$.	(3)
1.3	Solve fo	e x if.	
	$x^2 + 2x$	m-2	(4)
1.4	Simplify	the following and leave answer in $a + jb$ form:	

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Mabel Cheong



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