#### 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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| 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:                     |     |

# **N4 Question Paper And Memo For Maths**

SJ Ball

**N4 Question Paper And Memo For Maths:** 

Unveiling the Magic of Words: A Overview of "N4 Question Paper And Memo For Maths"

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