

**GRADE 10**  
**NOVEMBER EXAMINATION**  
**MATHEMATICS PAPER 1**  
**NOVEMBER 2022**

TIME: 120 minutes  
marks

100

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**PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. This question paper consists 7 pages.  
Please check that your question paper is complete.
  2. Read the questions carefully.
  3. CALCULATORS ARE ALLOWED IN THIS ASSESSMENT.
  4. All the necessary working details must be clearly shown. Answers only will not necessarily be awarded full marks.
  5. It is in your own interest to write legibly and to present your work neatly.
- 

**QUESTION 1**

(a) Solve the following:

(1)  $(x - 2)(x + 1) = 0$  (2)

(2)  $\frac{x - 1}{2} = 3 - \frac{x + 2}{5}$  (3)

(3)  $(x + 2)(x - 3) = 6$  (4)

(4)  $3,2^{x+2} - 0,75 = 0$  (3)

(b) Solve for  $x$  and  $y$  simultaneously:

$$\begin{aligned} 2x + 3y &= 10 \\ x - 4y &= -6 \end{aligned} \quad (5)$$

[17]

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# Mathematics Paper 1 November 2013

**Thomas Griffiths**



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answer key a wedge has a slanted edge like an inclined plane the difference is in how it s used an inclined plane is used to move things from here to there while a wedge breaks

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