

NOTE:

- If a candidate answers a question/vraag TWICE, only mark the FIRST attempt.
- Consistent accuracy applies in all aspects of the marking memorandum.

LET WEL:

- Indien 'n kandidaat 'n vraag TWEE keer beantwoord, merk slegs die EERSTE poging.
- Volgehoue akkuraatheid is DEURGAANS in ALLE aspekte van die memorandum van toepassing.

QUESTION/VRAAG 1

1.1.1	$3x^2 - 4x = 0$ $x(3x - 4) = 0$ $x = \frac{4}{3}$ or $x = 0$	✓ factors ✓ both answers (2)
1.1.2	$x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $x = \frac{-(-6) \pm \sqrt{(-6)^2 - 4(1)(2)}}{2(1)}$ $= \frac{6 \pm \sqrt{28}}{2}$ $x = 0,35$ or $x = 5,65$ OR $x - 6 + \frac{2}{x} = 0$ $x^2 - 6x + 2 = 0$ $(x - 3)^2 = -2 + 9$ $(x - 3) = \pm\sqrt{7}$ $x = 3 \pm \sqrt{7}$ $x = 0,35$ or $x = 5,65$	✓ $x^2 - 6x + 2 = 0$ ✓ subs into correct formula ✓ $x = 0,35$ ✓ $x = 5,65$ (4)
1.1.3	$x^{\frac{2}{3}} = 4; x > 0$ $x = (2^2)^{\frac{3}{2}}$ $x = 8$ OR	✓ $x = (2^2)^{\frac{3}{2}}$ ✓ $x = 8$ (2)

Mathematics P1 March 2014 Memo Grade 12

**Cyril Julie, Lorna Holtman, Charles R.
Smith**



Mathematics P1 March 2014 Memo Grade 12:

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In a digitally-driven world wherever displays reign great and instant conversation drowns out the subtleties of language, the profound secrets and psychological subtleties concealed within phrases usually go unheard. However, nestled within the pages of **Mathematics P1 March 2014 Memo Grade 12** a captivating fictional prize pulsing with organic emotions, lies an extraordinary journey waiting to be undertaken. Published by an experienced wordsmith, this enchanting opus invites readers on an introspective trip, delicately unraveling the veiled truths and profound influence resonating within ab muscles material of each and every word. Within the psychological depths of this emotional evaluation, we will embark upon a heartfelt exploration of the book is key themes, dissect its charming writing type, and succumb to the effective resonance it evokes heavy within the recesses of readers hearts.

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Table of Contents Mathematics P1 March 2014 Memo Grade 12

1. Understanding the eBook Mathematics P1 March 2014 Memo Grade 12
 - The Rise of Digital Reading Mathematics P1 March 2014 Memo Grade 12
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathematics P1 March 2014 Memo Grade 12
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Mathematics P1 March 2014 Memo Grade 12
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematics P1 March 2014 Memo Grade 12
 - Personalized Recommendations

- Mathematics P1 March 2014 Memo Grade 12 User Reviews and Ratings
- Mathematics P1 March 2014 Memo Grade 12 and Bestseller Lists
- 5. Accessing Mathematics P1 March 2014 Memo Grade 12 Free and Paid eBooks
 - Mathematics P1 March 2014 Memo Grade 12 Public Domain eBooks
 - Mathematics P1 March 2014 Memo Grade 12 eBook Subscription Services
 - Mathematics P1 March 2014 Memo Grade 12 Budget-Friendly Options
- 6. Navigating Mathematics P1 March 2014 Memo Grade 12 eBook Formats
 - ePub, PDF, MOBI, and More
 - Mathematics P1 March 2014 Memo Grade 12 Compatibility with Devices
 - Mathematics P1 March 2014 Memo Grade 12 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mathematics P1 March 2014 Memo Grade 12
 - Highlighting and Note-Taking Mathematics P1 March 2014 Memo Grade 12
 - Interactive Elements Mathematics P1 March 2014 Memo Grade 12
- 8. Staying Engaged with Mathematics P1 March 2014 Memo Grade 12
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mathematics P1 March 2014 Memo Grade 12
- 9. Balancing eBooks and Physical Books Mathematics P1 March 2014 Memo Grade 12
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mathematics P1 March 2014 Memo Grade 12
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Mathematics P1 March 2014 Memo Grade 12
 - Setting Reading Goals Mathematics P1 March 2014 Memo Grade 12
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Mathematics P1 March 2014 Memo Grade 12
 - Fact-Checking eBook Content of Mathematics P1 March 2014 Memo Grade 12

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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