

**GRADE 9 MATHEMATICS
NOVEMBER EXAMINATION PAPER 1**

QUESTION 1

Choose and write the correct letter on your answer sheet.

1.1 The constant value in the expression $2x^2 + 3x + 2$ is _____ (3)

- A 3
- B 2
- C 4
- D 5

1.2 How many terms are in the expression $2x^2 + 3x + 2$? _____ (3)

- A 1
- B 2
- C 3
- D 4

1.3 Determine the following two terms in the sequence: _____ (3)

- A 48; 56
- B 48; 57
- C 49; 56
- D 49; 57

1.4 Prime numbers that lie between 8 and 22: _____ (3)

- A 11, 13, 17, 19, 23
- B 11, 13, 17, 19
- C 11, 13, 17, 19, 21
- D 11, 13, 17, 19, 23

1.5 $\sqrt{324}$ is _____ (3)

- A 18
- B 74
- C 18 and 74
- D 18

1.6 If $x = 2$, the value of $3x^2 + 4x$ would be: _____ (3)

- A 10
- B 12
- C 14
- D 16

6 x 1 = 6

QUESTION 2: WHOLE NUMBERS & INTEGERS

2.1 Write 345:15 in it's simplest form. _____ (2)

2.2 If 10 contractors can build a house in 10 days. How many contractors, working at the same rate, will be needed to build the house in 4 days? _____ (3)

2.3 John drove 620km in 5 and a half hours. Calculate his average speed. _____ (3)

2.4 Write the number 48 as a product of its prime factors. Write the prime factors in exponential form. _____ (4)

2.5 Calculate the following:

- 2.5.1 $2 \times 10^3 + 3 \times 10^2$ _____ (3)
 - 2.5.2 $2 \times 10^3 + 3 \times 10^2$ _____ (3)
- [16]

QUESTION 3: EXPONENTS

3.1 $5^2 \times \sqrt{5} + 5^2$ _____ (2)

3.2 $5^2 \times 5^3$ _____ (2)

3.3 $\frac{5^2}{5^3}$ _____ (3)

3.4 $\sqrt{5^2} \times 5^3$ _____ (3)

[10]

Grade Memorandum November 2014 Of Mathematics

Christian G. Meyer



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Grade Memorandum November2014 Of Mathematics Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has be more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Grade Memorandum November2014 Of Mathematics**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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Table of Contents Grade Memorandum November2014 Of Mathematics

1. Understanding the eBook Grade Memorandum November2014 Of Mathematics
 - The Rise of Digital Reading Grade Memorandum November2014 Of Mathematics
 - Advantages of eBooks Over Traditional Books
2. Identifying Grade Memorandum November2014 Of Mathematics
 - 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 Grade Memorandum November2014 Of Mathematics
 - User-Friendly Interface
4. Exploring eBook Recommendations from Grade Memorandum November2014 Of Mathematics
 - Personalized Recommendations
 - Grade Memorandum November2014 Of Mathematics User Reviews and Ratings

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