

Exemplar Assessments

Final Year Test

Name: Surname:

> Time: 60 minutes Marks: 50

> > (23)

1151

Instructions and information

Read the following instructions carefully before answering the questions.

- This paper consists of 6 questions.
- 2. Answer ALL the questions.
- Clearly show ALL calculations in the spaces provided.
- 4. You may use a non-programmable scientific calculator.
- 5. Write neatly and legibly.

Question 1

Calculate the numerical value of the numbers in simplest form.

- 1.1 $14 + 3 - 6 - (2 \times 3)$ (1)
- 1.2 45 + 45 (20)
- 21 + 22 + 23 + 24 1.3 0.73
- 1.4 Calculate the value of \$\sqrt{64} = \sqrt{27}\$. (2)
- 1.5 Write six hundred and fifty-two million in scientific notation. (1)
- Calculate 8 2 + 1 4. 1.6 (2) Which of the following numbers are rational? 1.7
- -√64; √16; √-4; π; 93; √3; 0,3 (2)
- Write these decimals in ascending order: 1.8 0,969; 0,099; 0,96; 0,09069; 0,961; 0,9639; 0,996
- Increase 320 kg in the ratio 9:4. 11.9 COL
- 1.10 Decrease by R4 500 by 20%. 010

Question 2

Simplify the expression.

 $2.1.1 \quad 3x^2 - 2x + x^2 + 4 + 8x - 20$ (2)

Mathematics Grade 8 Final Exam Answears

Ying Liu

Mathematics Grade 8 Final Exam Answears:

Decoding Mathematics Grade 8 Final Exam Answears: Revealing the Captivating Potential of Verbal Expression

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