

NOVEMBER EXAMS

TERM 4 EXAMS



EXAM
MATHEMATICS NOVEMBER PAPER 1
TIME : 2 HOURS
TOTAL : 100 MARKS

Instructions

- Put your name on your paper.
- Read carefully and answer all questions.
- Number all questions exactly as they are numbered in this question paper.
- Write neatly and legibly.
- Show all working out.
- Round off all answers to 2 decimal places unless instructed otherwise.
- There is an answer sheet attached to the end of this question paper. You will need to remove it, complete it and attach it to your test. Make sure you put your name on the answer sheet.
- Check your work!

Question 1
Simplify:

1.1. $(-10) + (-5) - (-3) \times (-4) = \dots - 3)$

1.2. $(5 + 8 \times 3 - 7) + (-2 \times 4 - 15) = \dots$

1.3. $\sqrt{22\ 500}$ using prime factorisation

1.4. $(-0,02)^2$

1.5. $\sqrt[4]{\frac{21}{25}}$

1.6. $1\frac{3}{5} - 1\frac{13}{15} + \frac{1}{10}$

1.7. $\frac{20}{12} \div \frac{7}{25} = \frac{14}{15}$

1.8. $(\frac{5}{4})^2 \div \frac{15}{12} - \frac{15}{2} \times (\frac{1}{2} - \frac{3}{4})$

1.9. $0,56 \times 0,002$

**CAPS
ALIGNED**

GRADE 8 MATHS



2014 Exem Maths Grade 8 Caps

Scott C. Dulebohn



2014 Exem Maths Grade 8 Caps:

Cracking the SAT Math 1 & 2 Subject Tests, 2013-2014 Edition Princeton Review, 2013-04-16 If you need to know it is in this book This eBook version of the 2013 2014 edition of Cracking the SAT Math 1 2 Subject Tests has been optimized for on screen viewing with cross linked questions answers and explanations It includes 4 full length practice tests with detailed explanations 2 each for Levels 1 and 2 Comprehensive review of all topics on each SAT Math Subject Test Practice problems for every subject type covered on the tests Algebra I II Geometry Trigonometry Probability Matrices and Pre Calculus Step by step strategies and tips for solving even the toughest problems Thorough integration of TI 80 graphing calculator techniques Problem-Solving Math Journals for Primary Students Mary Rosenberg, 2000 Activities designed to develop logical and mathematical thinking skills of primary school students *Daily Math Warm-Ups, Grade 1* Owen, 2008-08-27 Make math matter to students in grade 1 using Daily Math Warm Ups This 128 page resource introduces reinforces and assesses math skills and fosters further understanding of math concepts It includes 180 daily lessons computation graphing and word problem exercises 18 assessments in standardized test format 12 real world application activities and a reproducible problem solving strategy guide The book supports NCTM standards **Math 4 Today, Grade 4**, 2012-10-22 This comprehensive quick and easy to use supplement complements any fourth grade math curriculum The reproducible activities review twenty four essential math skills and concepts in only ten minutes each day during a four day period On the fifth day a 20 minute ten problem assessment is provided The exercises in this book cover a 40 week period and are designed on a continuous spiral so concepts are repeated weekly Concepts include place value number concepts time and money measurement graphs and tables estimation problem solving word problems and more It also includes test taking tips skills and concepts charts scope and sequence charts and an answer key **Mathematics Assessment and Evaluation** Thomas A. Romberg, 1992-07-01 Are current testing practices consistent with the goals of the reform movement in school mathematics If not what are the alternatives How can authentic performance in mathematics be assessed These and similar questions about tests and their uses have forced those advocating change to examine the way in which mathematical performance data is gathered and used in American schools This book provides recent views on the issues surrounding mathematics tests such as the need for valid performance data the implications of the Curriculum and Evaluation Standards for School Mathematics for test development the identification of valid items and tests in terms of the Standards the procedures now being used to construct a sample of state assessment tests gender differences in test taking and methods of reporting student achievement **Math Advantage, Grade 8** Grace M. Burton, Harcourt Brace, 1998-05-22 **Catalogue of Scientific Papers**, 1891 Catalogue of Scientific Papers Royal Society, 1891 **Annual Report** Educational Cooperative Service Unit of the Twin Cities Metropolitan Area, 1982 **Understanding Middle School Math** Arthur A. Hyde, Cheryl Heck, Susan Friedlander, Lynn Pittner, 2009 Imagine handling students state by state data on the

number of gallons of soft drinks sold per person in one year Imagine using it to lead a vibrant problem solving session in which students energetically pose and answer mathematical questions Why does it say sold instead of consumed What is a soft drink Is it the same as a soda Who would collect this kind of data Why would they collect it How was gallons per person calculated What was the total amount of soda sold in our state How many 12 ounce cans is that 20 ounce bottles How many of each per person Understanding Middle School Math gathers 50 cool problems like this that lead to deep thinking Problems such as the Renovation Problem in which students uncover ideas about how perimeter area length and cost affect a construction project Or Chocolate Algebra where they discover linear relationships among the pocket money available to buy two differently priced chocolate candies Arthur Hyde combines the latest research and decades of classroom experience to braid language cognition and math His approach can help any student including underprepared ones with the rigors of math in middle school and beyond He has created and adapted problems that strongly connect math to the real world to students lives and to prior knowledge Problems that scaffold content and processes and give students multiple entry points into learning Every problem has been extensively field tested and refined by classroom teachers And for each cool problem practicing middle school teachers describe how they used it to differentiate over a wide range of students and extend learning For fantastic problems your students won't soon forget and teaching solutions that are exciting substantial and transformative turn to Art Hyde Read and use Understanding Middle School Math and pass your love of math on as you meet your classroom goals

Security Owner's Stock Guide ,1994-12

The Journal of Auditory Research ,1971

Information Legislative Service ,2000

The encyclopædic dictionary. 7 vols. [in 14]. Robert Hunter,1884

Reading Comprehension Test Taking Skills Grade 2 Patricia Pedigo,Roger J. De Santi,1998-09 Familiarize students with standardized testing procedures using grade appropriate activities in spelling syllabication synonyms homophones capitalization punctuation narrative and expository passages charts and graphs and letters Includes flash cards and answer keys *Tests in Print* Oscar Krisen Buros,2006

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