



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12**

**MATH.2  
MATHEMATICS P2  
NOVEMBER 2014**

**MARKS: 150**

**TIME: 3 hours**

**This question paper consists of 14 pages, 6 diagram sheets and 1 information sheet.**

## **MORNING SESSION**



# Grade2014 Nov Dec Mathematics

**Richard R. Skemp**



## **Grade2014 Nov Dec Mathematics:**

**7th Grade Common Core Math BOOST - Parent Edition** Laura Shanteler,2014-02-20 TestSoup s Parent Guides are specially designed for parents looking to support their students at home This eBook is designed for 7th graders who are looking for extra support in math We have compiled a collection of materials that have been designed to strengthen the basic skills needed for success in the 7th grade with Common Core math You can use this book to learn about the basic skills they need to master as well as do practice problems with fully explained answers with your student at home Premium Content Aligned to the Common Core Our eBook Study Guide helps students master Common Core Standards and push themselves with more challenging problems Mini lessons on every Common Core strand Practice questions and answers aligned with new Common Core standards Overviews of each strand within the Common Core that will tell you what you need to know what you will be learning and what you should expect to see in the Common Core Great for teachers parents and students who are new to the Common Core Superior User Interface Bookmark pages you want to revisit Make notes with our easy to use annotations tool Highlight important passages or questions with our highlight tool Adjust font size Skip to the last page read or navigate using our table of contents Intuitive hyperlinks allow for intuitive and efficient navigation Content Outline Lessons vocabulary practice problems explanations as well as a description of what you and your student should expect from the new common core standards for each of the following Expressions Equations Creating solving expressions with whole number exponents Creating solving expressions based on written descriptions Creating equivalent expressions Identifying equivalent expressions Creating expressions using variables to represent unknown numbers in word problems Solving equations inequalities Using variables to write solve equations for real world situations Writing inequalities to represent real life situations Determining relationships between variables in order to solve word problems Geometry Finding the area of polygons Finding the area of right rectangular prisms Drawing polygons in a coordinate plane Using 2d nets to represent 3d shapes find surface area The Number System Dividing fractions Multiplying multi digit numbers Adding subtracting multiplying dividing decimals Finding greatest common factors and least common multiples Using positive negative numbers to represent opposite values or directions Rational numbers as part of the number line Ordering absolute value of positive negative numbers Finding the distance between 2 points on a coordinate plane Ratios Proportions Understanding ratios using them to describe relationships Using unit rates to describe relationships between 2 quantities Using ratios to solve real world problems Statistics Probability Identifying creating statistical questions Describing the distribution of data with center spread or overall shape Describing the distribution of data with measures of center and measures of variability Recognizing generating graphs to represent statistical data Summarizing data sets in relation to the question asked

**Proceedings of the International Conference on Intellectuals' Global Responsibility (ICIGR 2022)** Tariq Tawfeeq Yousif Alabdullah,Mohd Isha Awang,Bobur Sobirov,Mohammad Tanzil Multazam,Mahardika D.K.

Wardana,2023-05-19 This is an open access book The Covid 19 pandemic has become a global issue have a great impact in almost all fields including in the economic social political cultural and education and has created social pressures community economy Almost all over the country having trouble However this has consequences for declining economic growth has had an impact on social life including in countries in ASEAN and especially in Indonesia We are only at the beginning of the most challenging part which is how we will emerge out of this situation and return to a new normal These challenges highlight the importance of science technology and innovation as the decisive factors in any scenario of emergence from the crisis and economic recovery To eliminate Covid 19 and find solutions to its effects are endeavored through research in various fields of sciences Hopefully the cure can be found and the new situation can be adapted Digest of Educational Statistics ,2015

**Halfpipe, Below Level Reader Grade 5** Hsp,2007 **Fact Practice Workbook** Stephen Hake,2003-04 Provides all the facts practice one student needs in an academic year The Facts Practice Workbook helps reinforce students recall of basic facts and eliminates the need for costly and time consuming photocopying **Teams Mathematics** Mary Alice Hatchett,198? Math Champs! Place Value (ENHANCED eBook) Sally Fisk,2000-09-01 This book helps students learn place value and related concepts Practice pages include motivational activities riddles and pictures An answer key is included These pages may be assigned as class lessons individual work or homework activities **Mathematics Activities for Home Schooling with Unifix Cubes** Don Balka,Didax Educational Resources,1994 **Math Champs! Counting & Place Value** Sally Fisk,2000-09-01 Introductory activity pages help students with counting and place value Dot to Dot puzzles riddles and other games add fun to the practical activities These pages may be assigned as a class lesson individual seat work or homework activities **Pete the Cat Math Activities** ,2016 Saxon Math 1 , Mathematical Pattern ,1971-01-01

**MINNEMAST Coordinated Mathematics--science Series: Comparing changes** Minnesota Mathematics and Science Teaching Project,1967 **Dots Math Too** Ann Roper,Linda Harvey,1979 **Mathematical Circles Squared** Eves,1972-01-01 **Investigations in Number, Data, and Space: Arrays and shares: multiplication and division** ,1998 MINNEMAST Coordinated Mathematics--science Series: Parts and pieces Minnesota Mathematics and Science Teaching Project,1967 **Counting** ,2006 *Understanding Mathematics* Richard R. Skemp,1964 *MINNEMAST Coordinated Mathematics--science Series* Minnesota Mathematics and Science Teaching Project,1967

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