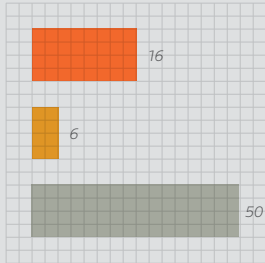
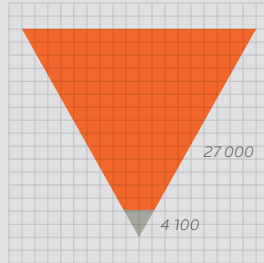


GRADE 11 MATHEMATICS

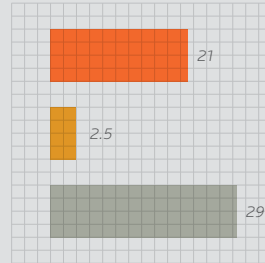
WRITTEN BY VOLUNTEERS



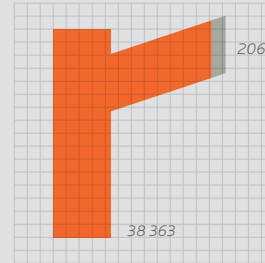
- Algebra exercises in this book
- Trigonometry exercises in this book
- Geometry exercises in this book



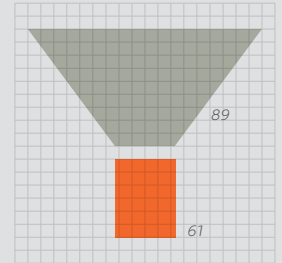
- Litres of ink used in the production of all the grade 10, 11 and 12 textbooks
- Litres of glue used in the production of all the grade 10, 11 and 12 textbooks



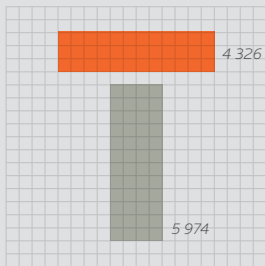
- Breadth of this book (cm)
- Depth of this book (cm)
- Height of this book (cm)



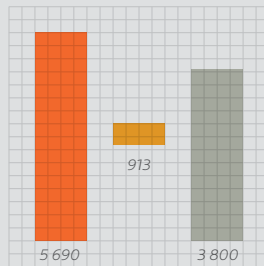
- Number of words used in this book
- Number of pages



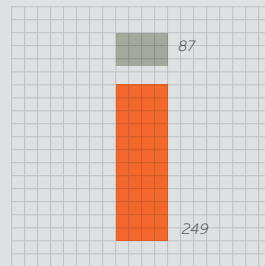
- Hours spent being taught this book
- Hours spent doing homework from this book



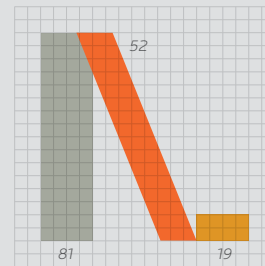
- Length of pages side by side (cm)
- Length of pages top to bottom (cm)



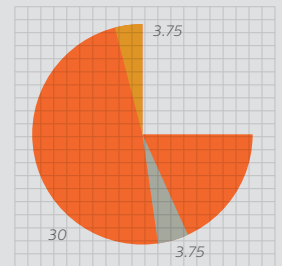
- How many times student scratches head while reading this book
- How many times student picks nose while reading this book
- How many times student clicks pen while reading this book



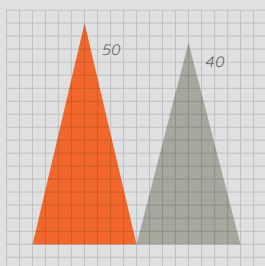
- Number of females who helped write this book
- Number of males who helped write this book



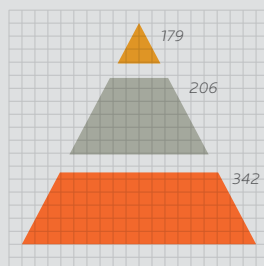
- Masters students who contributed to this book
- Honours students who contributed to this book
- Undergraduate students who contributed to this book



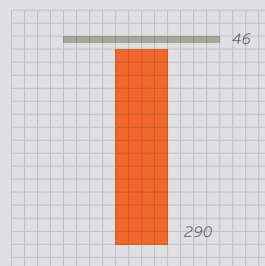
- Hours spent getting book to school per week
- Hours spent getting book home per week
- Hours spent with book in class per week



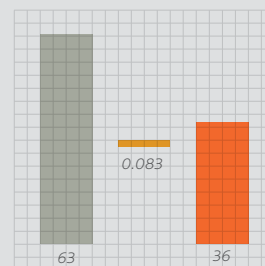
- Average size of class being taught from this book
- Average age of a maths teacher teaching from this book



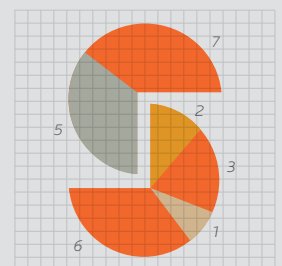
- Number of pages in Grade 12 Maths textbook
- Number of pages in Grade 11 Maths textbook
- Number of pages in Grade 10 Maths textbook



- Number of Afrikaans volunteers who helped write this book
- Number of English volunteers who helped write this book



- Number of hours spent conceptualising this cover
- Number of hours it takes to manufacture this book
- Number of hours spent designing this cover



- Weekly UCT hackathons that contributed to this book
- Small office hackathons that contributed to this book
- Afrikaans hackathons that contributed to this book
- Virtual hackathons that contributed to this book

VERSION 0.9 NCS

GRADE 11 MATHEMATICS

WRITTEN BY VOLUNTEERS

This Siyavula Mathematics textbook will teach you **Everything Maths** and everything you'll need to succeed. It will help you sharpen your maths skills and back you when it comes to those end-of-year exams. How?

THROUGH:

- An *easy-to-get* format.
Step-by-step guides to help you make sense of formulas and concepts.
Explaining the definitions covered in the South African curriculum *in basic terms*.
- A wide range of *worked examples* that will help you practise your skill and craft your thinking.
- Mobile and PC support at www.everythingmaths.co.za
- Being able to *download or read this textbook on your phone, iPad or computer* wherever you are.
- Watching videos that will bring the concepts in this textbook to life.
- *Summary presentations* and *interactive simulations* for every chapter.
- *Online practise* using your mobile or PC in order *to rate and improve your skills*.
- *Asking questions* or seeing what others have asked.

This book was written by volunteers who have a career in or simply love maths — including educators, academics and industry professionals.

***Now that you've got the breakdown... go on...
open the world of Everything Maths.***

ISBN 978-1-920423-01-8



9 781920 423018