

VERSION 0.9 NCS

GRADE 12 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:

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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*.
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- *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 978-1-920423-02-5



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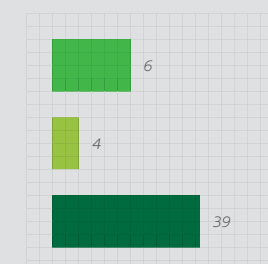


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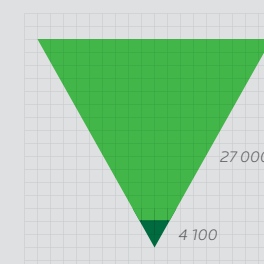
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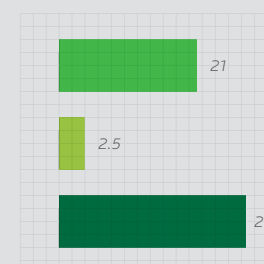
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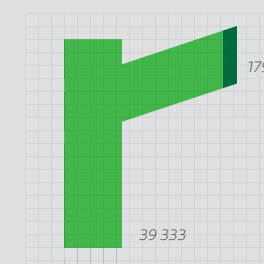
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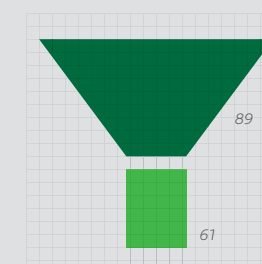
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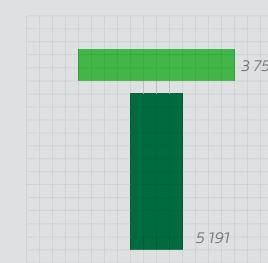
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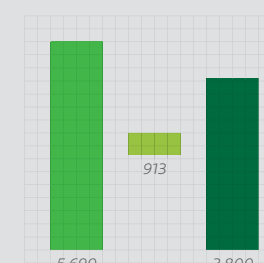
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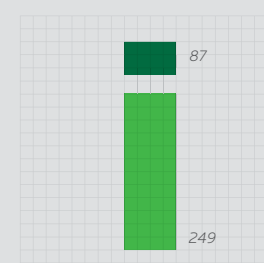
Hours spent being taught this book
Hours spent doing homework from this book



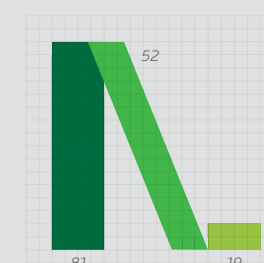
Length of pages side by side (cm)
Length of pages top to bottom (cm)



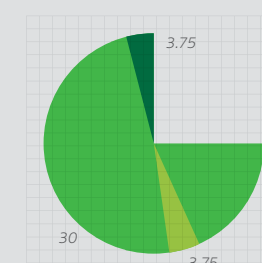
How many times student scratches head while reading this book
How many times student picks nose while reading this book
How many times student clicks pen while reading this book



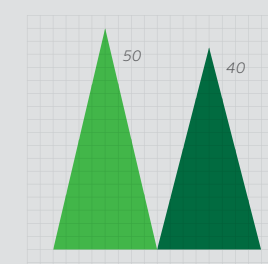
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Number of males who helped write this book



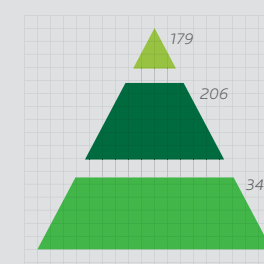
Masters students who contributed to this book
Honours students who contributed to this book
Undergraduate students who contributed to this book



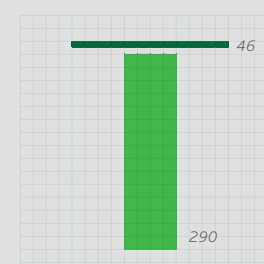
Hours spent getting book to school per week
Hours spent getting book home per week
Hours spent with book in class per week



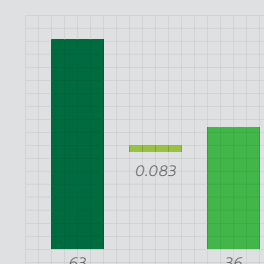
Average size of class being taught from this book
Average age of a maths teacher teaching from this book



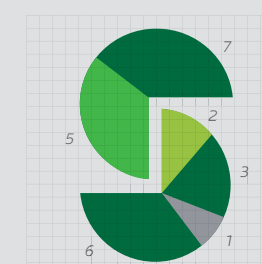
Number of pages in Grade 12 Maths textbook
Number of pages in Grade 11 Maths textbook
Number of pages in Grade 10 Maths textbook



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
Large office hackathons that contributed to this book
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