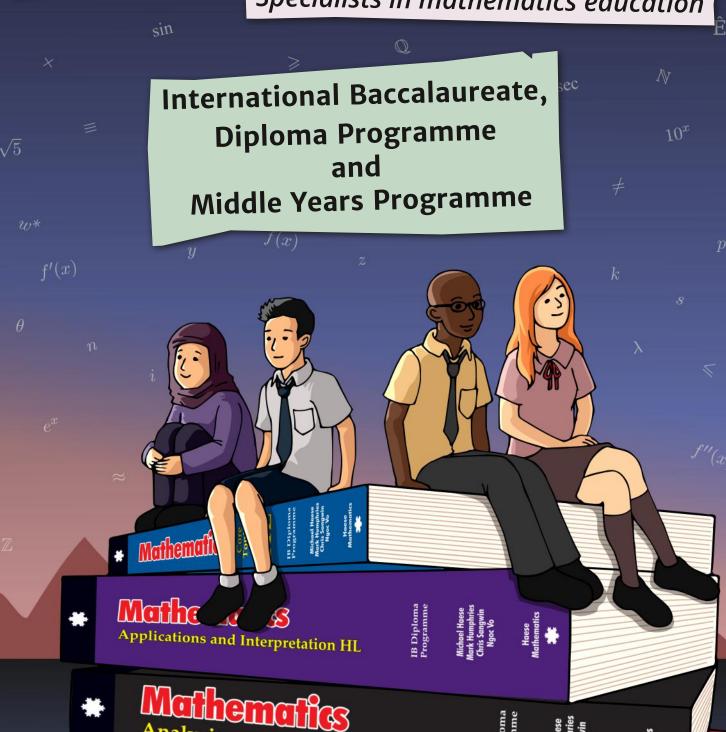
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y = mx + b

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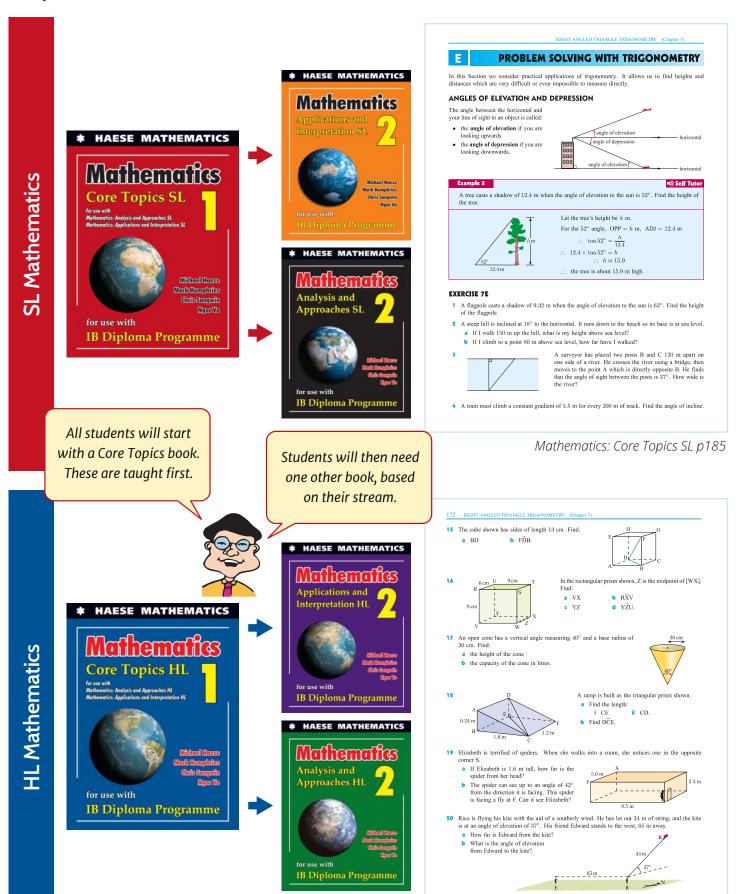


Analysis and Approaches SL

Maliemalia

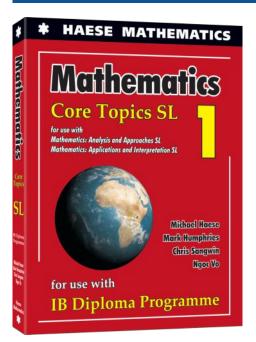
International Baccalaureate Diploma Programme

We have produced a series of six textbooks for the new Diploma Program Mathematics courses for first assessment in May 2021. Students will need both book for the duration of their studies to cover all of the course content.



Mathematics: Core Topics HL p172

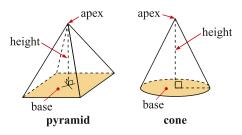
SL Mathematics Textbooks



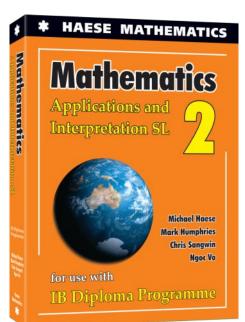
Core Topics SL

- First of two books required for the completion of either of the SL Mathematics courses.
- · Covers the content common to both SL courses.
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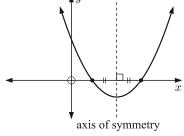
From Mathematics: Core Topics SL p158



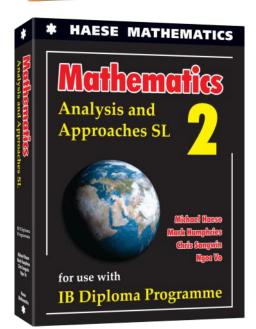
Applications and Interpretation SL

- Completes the Mathematics: applications and interpretation SL course, which is similar to the current Mathematical Studies SL course.
- Where appropriate, calculator screenshots and instructions are provided to help students use technology to solve problems.
- Algebraic approach sometimes included for completeness and to enhance understanding.

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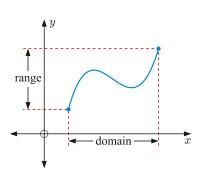


From Mathematics: Applications and Interpretation SL p158



Analysis and Approaches SL

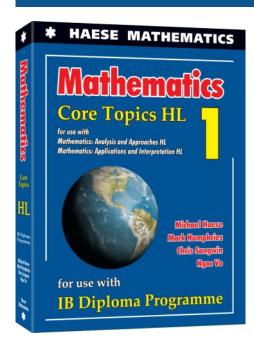
- Completes the Mathematics: analysis and approaches SL course, which is similar to the current Mathematics SL course.
- · Has a focus on algebraic rigour.
- Well graded exercises to develop conceptual understanding.



From Mathematics: Analysis and Approaches SL p72

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HL Mathematics Textbooks



Core Topics HL

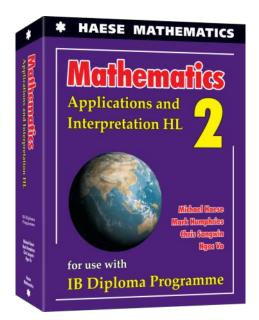
- First of two books required for the completion of either of the HL Mathematics courses.
- · Covers the content common to both HL courses.
- Contains more difficult questions and fewer basic questions to better prepare HL students.

 Sphere
- Includes contextual Activities and Investigations to promote subject richness.

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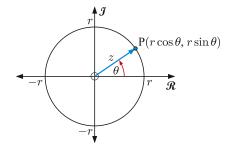
 $A=4\pi r^2$ From Mathematics: Core Topics HL $_{
m p158}$



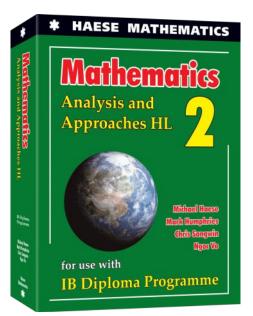
Applications and Interpretation HL

- Completes the Mathematics: applications and interpretation HL course.
- Explanations encourage conceptual understanding, and guide students to technological or algebraic solutions as appropriate.
- Questions are rooted in real-world contexts, so students can see the applications of their work.

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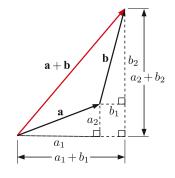
From Mathematics: Application and Interpretation HL p282



Analysis and Approaches HL

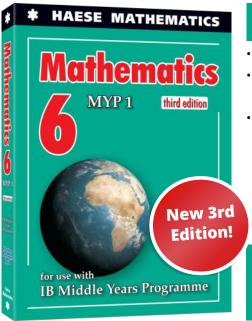
- Completes the Mathematics: analysis and approaches HL course, which is similar to the current Mathematics HL course.
- Has a focus on algebraic rigour and aimed at the strongest students.
- Challenging questions, Activities and Investigations aim to extend the most able HL student.

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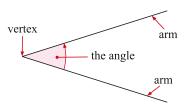
Middle Years Programme



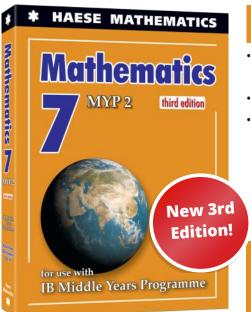
Mathematics 6 (MYP 1)

- Designed and written for the IB MYP Mathematics framework.
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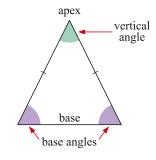
From Mathematics 6 p45



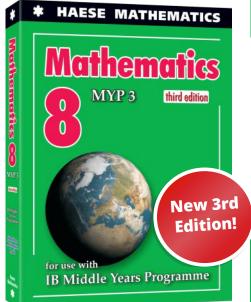
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- Discussions, Activities, Investigations, and Research exercises are used throughout chapters to develop understanding.
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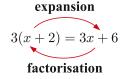
From Mathematics 7 p232



Mathematics 8 (MYP 3)

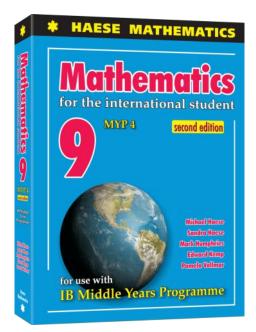
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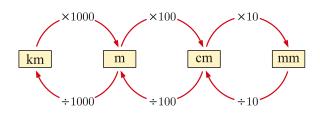
Middle Years Programme



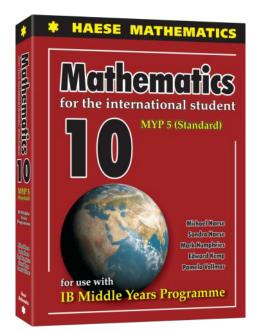
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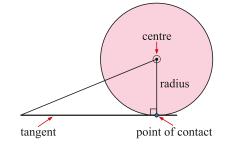
From Mathematics 9 p114



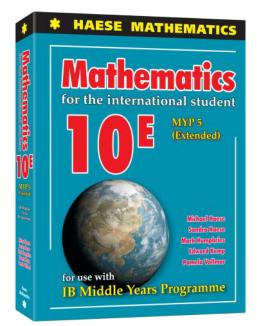
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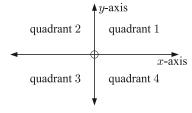


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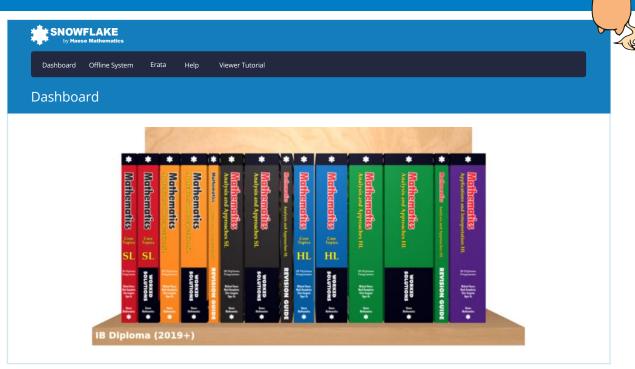
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From Mathematics 10E p104

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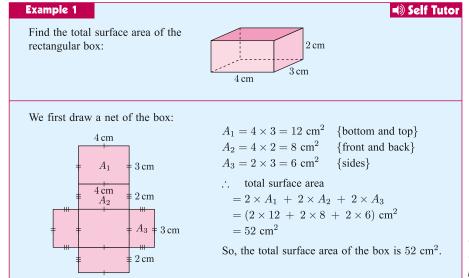
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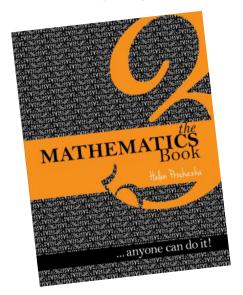
From MYP3 page 256

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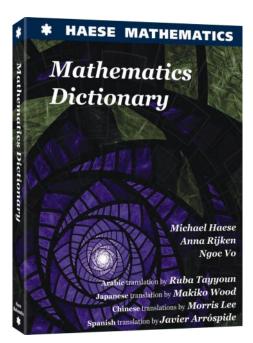


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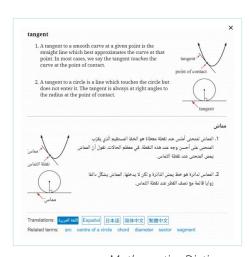


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Meet the Authors





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Michael completed a Bachelor of Science at the University of Adelaide, majoring in Infection and

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Special Mention

A special mention to the following for their valued assistance with the editorial review of our new IB Diploma textbooks.

- Hiro Komaki at K. International School, Tokyo
- Denes Tilistyak of Western International School, Shanghai



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