



## S & G Publishing and Coaching Academy

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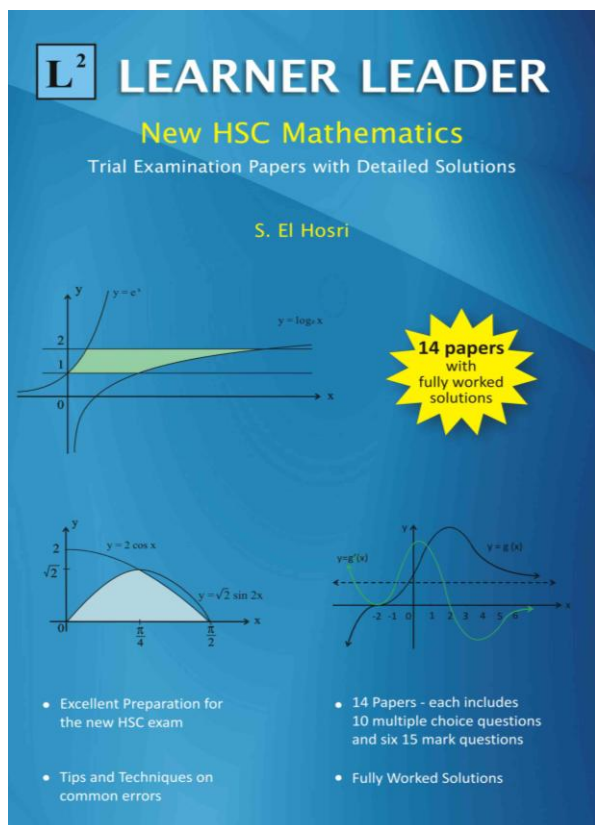
P.O.BOX 237, Punchbowl NSW 2196

Tel: (02) 9707 3067 Fax: (02) 9707 3067

Website: [www.sngweb.com](http://www.sngweb.com)

### HEAD TEACHER MATHEMATICS

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*New HSC Mathematics* includes 14 trial examination papers with fully worked solutions.

These comprehensive and challenging papers are designed to be excellent preparation for the new HSC exam.

Each paper is modelled on the new HSC examination format by including 10 multiple choice questions, followed by six 15 mark questions.

The questions examine all 6 bands to familiarise students with a diversity of questions, which will allow them to reach their maximum potential.

The fully worked solutions of each paper will provide students with techniques to approach different types and styles of questions confidently. In addition, the book provides tips on common errors to be aware of and avoided.

Working through these papers will develop students' knowledge and assist them to accept the challenge of the real examination with confidence and success.

**\$30 PER BOOK**  
**FOR ORDERS OF 10 BOOKS OR MORE**

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(1) **NEW HSC MATHEMATICS – Trial examination papers with fully worked solutions**

NEW HSC MATHEMATICS	14 trial HSC exam papers, each includes 10 multiple choice questions and six 15 mark questions with fully worked solutions.	Price		QTY	TOTAL
		10 books or more	\$30		
		single book	\$40		

(2) **MEASUREMENT AND TRIGONOMETRY TEXTBOOK WITH FULLY WORKED SOLUTIONS**

Measurement and Trigonometry	Price		QTY	TOTAL
	10 books or more	\$15		
	single book	\$30		

(3) **NUMERACY TRIAL EXAMINATION PAPERS ON CD**

PACKAGES OF PAST EXAMINATION PAPERS WITH FULLY WORKED SOLUTIONS					
2013 PAPERS			TWO PAST PAPERS		
YR 7 NUMERACY	\$55		Yr 7 NUMERACY	\$65	
Yr 9 NUMERACY	\$55		Yr 9 NUMERACY	\$65	

(4) **MATHEMATICS DEPARTMENT POLICY – INCLUDING BOS 2012 HSC CHANGES.**

The Mathematics Department policy which Head Teachers will find extremely helpful is now available. This policy includes department goals, statements and courses offered. It also provides valuable sections about

- ESL students
- gender equity
- gifted and talented
- special education students
- staff allocation
- assessment
- evaluation
- homework
- resources
- literacy
- excursions
- technology
- reporting, and many other valuable sections.

**YEAR 7 TO 10 – STAGES 4 AND 5 PROGRAMS.**

Year 7 to 10 - stages 4 and 5 programs include core references to the new Signpost textbook and extensive cross referencing to the New Century and Maths Zone books. The program can also be adapted with ease to other teaching texts, and will suit a wide range of student abilities. One of the major benefits of the program is the ease with which it allows students to move between 5.1, 5.2 and 5.3, giving maximum flexibility and access to levels during Year 9.

Mathematics Department Policy	\$320	
Mathematics Programs - Year 7 to 10 - stages 4 and 5.	\$280	

## ALL EXAMS WILL BE SENT ON CD

**(5) 2013 YEAR 12 TRIAL EXAMINATIONS WITH FULLY WORKED SOLUTIONS.**

These trial papers are set to reflect the format of the New HSC Examinations as indicated by the Board of Studies Specimen Papers. Each paper comes with a mapping grid showing the content, outcomes and bands.

CODE	YEAR 12 MATHEMATICS TRIALS	PRICE	QTY	TOTAL
2013 Mathematics	Mathematics HSC Trial Exam with detailed solutions.	\$65		
2013 Maths Ext 1	Mathematics Extension 1 HSC Trial Exam with detailed solutions.	\$65		
2013 Maths Ext 2	Mathematics Extension 2 HSC Trial Exam with detailed solutions.	\$65		

**(6) PACKAGES OF PAST EXAMINATION PAPERS WITH FULLY WORKED SOLUTIONS.**

YEAR	TWO PAST PAPERS	TICK	YEAR	TWO PAST PAPERS	TICK	YEAR	TWO PAST PAPERS	TICK	YEAR	TWO PAST PAPERS	TICK
12 Gen	\$60		11 Gen	\$60		10 5.3	\$60		9 5.3	\$60	
12 Ext 1	\$60		11 Maths	\$60		10 5.2	\$60		8	\$60	
12 Ext 2	\$60		11 Ext 1	\$60		10 5.1	\$60		7	\$60	
									7 Entry	\$60	

## WORKED SOLUTIONS BY SAMI EL HOSRI

**(7) WORKED SOLUTIONS TO NEW SENIOR MATHEMATICS 2 UNIT, 3 UNIT AND 4 UNIT - J. B. FITZPATRICK**

FITZPATRICK MATHS (2 UNIT)	COST	QTY	TOTAL	FITZPATRICK MATHS	COST	QTY	TOTAL
Indices and Logarithms	\$40			Quadratic Functions	\$40		
Differential Calculus	\$40			Sequences and Series	\$40		
Exponential & Logarithmic Functions	\$40			Application of Calculus	\$40		
Trigonometric (Circular) Functions	\$40			Integral Calculus	\$40		
Geometrical Applications of differentiation	\$40			Test Papers	\$40		

FITZPATRICK EXT 1 (3 UNIT)	COST	QTY	TOTAL	FITZPATRICK EXT 1 (3 UNIT)	COST	QTY	TOTAL
Applied and Further Trigonometry	\$45			Inverse Trigonometric Functions	\$45		
Trigonometric Equations	\$45			Miscellaneous	\$45		
Plane Geometry	\$45			Polynomials	\$45		
Permutations and Combinations.	\$45			Calculus	\$45		
Binomial Theorem & Binomial Probability	\$45			Applications of Calculus to the Physical World	\$45		
				Test Papers	\$45		

# WORKED SOLUTIONS BY SAMI EL HOSRI

## WORKED SOLUTIONS TO THE FITZPATRICK 4 UNIT MATHEMATICS TEXTBOOK

FITZPATRICK EXT 2 (4 UNIT)	COST	QTY	TOTAL	FITZPATRICK EXT 2 (4 UNIT)	COST	QTY	TOTAL
Graphs	\$55			Volumes	\$55		
Complex Nos.	\$55			Mechanics	\$55		
Conics	\$55			Polynomials	\$55		
Integration	\$55			Adv 3U Topics	\$55		
Test Papers	\$55						

## (8) WORKED SOLUTIONS TO THE CAMBRIDGE 4 UNIT MATHEMATICS TEXTBOOK (D & G ARNOLD)

EXT 2 (4 UNIT D G ARNOLD)	COST	QTY	TOTAL	EXT 2 (4 UNIT D G ARNOLD)	COST	QTY	TOTAL
Mechanics	\$55			Volumes	\$55		
Harder 3U Topics	\$55			Conics	\$55		
Specimen Papers	\$55			Polynomials	\$55		
Integration	\$55			Complex Nos.	\$55		
Graphs	\$55						

## (9) WORKED SOLUTIONS TO THE CAMBRIDGE YEAR 11 3 UNIT MATHEMATICS TEXTBOOK (BILL PENDER)

EXT 1 (YEAR 11 3 UNIT CAMBRIDGE)	COST	QTY		COST	QTY
The Logarithmic Function	\$55		Methods In Algebra	\$55	
Integration	\$55		The Exponential Function	\$55	

## (10) WORKED SOLUTIONS TO THE CAMBRIDGE YEAR 12 3 UNIT MATHEMATICS TEXTBOOK (BILL PENDER)

EXT 1 (YR 12 3 UNIT B PENDER)	COST	QTY	TOTAL	EXT 1 (YEAR 12 3 UNIT B PENDER)	COST	QTY	TOTAL
The Inverse Trig Functions	\$55			Further Calculus	\$55		
Further Trigonometry	\$55			Rates and Finance	\$55		
Motion	\$55			Circle Geometry	\$55		
Polynomial Functions	\$55			Euclidean Geometry	\$55		
The Binomial Theorem	\$55			Probability and Counting	\$75		

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**Please note :** Together with your order you will receive a “Tax Invoice” as required by the Taxation System.  
 This “Tax Invoice” will also acknowledge payment.