



Calculus: A New Horizon, Sixth Edition

Author(s): Anton, H.

General Description:

This comprehensive American resource package consists of a student text and student resource manual with sample tests and covers all aspects of the Calculus 12 curriculum, with exception of quadratic approximations. The student text consists of 12 chapters that interweave the mathematical elements of the course with biographical and historical anecdotes of key mathematicians. Each chapter begins with a chapter overview and each chapter section also has an introductory overview. Sections are divided into topics described by headings in the margin. Each section ends with a set of exercises. The answers to most odd-numbered exercises appear in the back of the text. Each chapter ends with a set of supplementary exercises, many of which involve a combination of ideas from various sections within the chapter. The student text also includes seven appendices. Appendices A-F review pre-calculus material including trigonometry. Appendix G contains additional proofs. The student resource manual provides detailed solutions to odd-numbered exercises and multiple choice and true-false sample tests for each section and chapter of the text. Resource supports a teacher-centered Calculus course. Conventional questions outweigh exploration-style questions. Optional software does not add significantly to the text.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K/1	2/3	4	5	6	7	8	9	10	11	11A	12
											✓

Year Recommended in Grade Collection: 2000

Supplier: *John Wiley & Sons Canada Ltd.*
22 Worcester Road
Etobicoke, ON M9W 1L1

Tel: (416) 236-4433 **Fax:** (416) 236-8743

Toll Free: 1-800-567-4797

Web Address: www.wiley.com

Price: Textbook: \$62.80
Teacher's Manual: \$44.95

ISBN/Order No: Textbook: 0-471-15307-9
Teacher's Manual: 0-471-252786

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Calculus: Graphical, Numerical, Algebraic

Author(s): Finney et al.

General Description:

Comprehensive student text covers all topics in the Calculus 12 curriculum with the exception of quadratic approximations of curves. The text comprises ten chapters, seven appendices, a glossary, selected answers/solutions, an applications index and an index. The resource is attractive and well-laid out and integrates technology to aid student learning. Students are expected to use a multi-representational approach to investigate and solve problems, to write about their conclusions and to work in groups to communicate orally. Resource also include interesting applications to real-world problems, explorations and graded exercise sets. Selected answers and solutions are provided at the back of the book.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K/1	2/3	4	5	6	7	8	9	10	11	11A	12
											✓

Year Recommended in Grade Collection: 2000

Supplier: *Pearson Education Canada*
26 Prince Andrew Place
Don Mills, ON M3C 2T8

Tel: (416) 447-5101 **Fax:** 1-800-563-9196

Toll Free: 1-800-387-8028/7851

Web Address: www.pearsoned.ca

Price: Textbook: \$99.25

ISBN/Order No: Textbook: 0-201-32445-8

Copyright: 1999



Calculus of a Single Variable Early Transcendental Functions, Second Edition

Author(s): Larson; Hostetler; Edwards

General Description:

Resource, divided into nine chapters with appendices, solutions and an index, integrates the historical development of calculus. The book combines theory, statements of theorems, proofs and mastery of traditional calculus skills with opportunities to use technology. There is an emphasis on real-life applications and modeling data. The text provides for different teaching and learning styles. Each chapter begins with a full-page chapter motivator that presents real-life situations with exploratory questions. Revised exercise sets have problems using transcendental functions, in addition to engineering-oriented, technology-oriented real problems. An "Explorations" option uses discovery learning. Appendices include a pre-calculus review, proofs of selected theorems, integration tables and solutions to odd-numbered exercises. An Interactive Calculus CD-ROM is available to support the text. This text is nearly identical to *Calculus of a Single Variable, Sixth Edition*, by the same author.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K/1	2/3	4	5	6	7	8	9	10	11	11A	12
											✓

Year Recommended in Grade Collection: 2000

Supplier: *Nelson Thomson Learning*
1120 Birchmount Road
Scarborough, ON M1K 5G4

Tel: (416) 752-9448 **Fax:** (416) 752-8101

Toll Free: 1-800-268-2222/1-800-668-0671

Web Address: www.nelson.com

Price: \$82.00

ISBN/Order No: 0-395-93321-8

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Calculus of a Single Variable, Sixth Edition

Author(s): Larson et al.

General Description:

Resource package consisting of a student text, instructor's resource guide, two-volume solutions guide and optional Interactive Calculus CD-ROM, integrates technology and real-world problems in a ten-chapter format. The readable text provides motivational problems and explanations, and well-written examples take a variety of solution approaches, follow clearly defined strategies and build in checking for reasonability of the solution. Exercises vary in level of difficulty and incorporate writing and thinking activities. The instructor's resource guide provides teaching strategies, tests and answer keys and the complete solutions guides contain detailed exercise solutions. An optional Interactive Calculus CD-ROM provides an electronic version of the text. This text is nearly identical to *Calculus of a Single Variable Early Transcendental Functions, Second Edition*, by the same author.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K/1	2/3	4	5	6	7	8	9	10	11	11A	12
											✓

Year Recommended in Grade Collection: 2000

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Web Address: www.nelson.com

Price: Textbook: \$81.00
Instructor's Resource Guide: \$19.50

ISBN/Order No: Textbook: 0-395-88578-7
Instructor's Resource Guide: 0-395-88766-6

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Single Variable Calculus Early Transcendentals, Fourth Edition

Author(s): Stewart, J.

General Description:

Comprehensive resource package, consisting of a student text, student solutions manual and a study guide, focusses on conceptual understanding of problems with an application to real-world situations. Text includes explanations and examples of the conceptual ideas, projects, graded exercises, answer key and a demo CD-ROM that presents an interactive challenge to students. The student solutions manual presents problem solving strategies and completely worked-out solutions. The study guide offers additional explanations and worked-out examples.

System Requirements: Windows '95; CD-ROM drive; 8Mb RAM ; 1Mb VRAM.

Audience: General

Category: Student, Teacher Resource

Grade Level:

K/1	2/3	4	5	6	7	8	9	10	11	11A	12
											✓

Year Recommended in Grade Collection: 2000

Supplier: *Nelson Thomson Learning*
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Scarborough, ON M1K 5G4

Tel: (416) 752-9448 **Fax:** (416) 752-8101

Toll Free: 1-800-268-2222/1-800-668-0671

Web Address: www.nelson.com

Price: Textbook: \$80.00
Study Guide: \$40.00

ISBN/Order No: Textbook: 0-534-68478-5
Study Guide: 0-534-36820-4

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