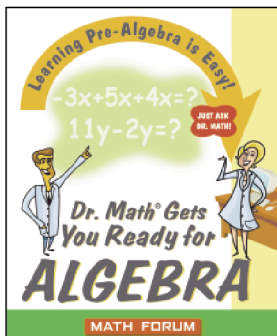




Take Dr. Math With You!

John Wiley & Sons, Inc. has published a series of four books based on the Math Forum @ Drexel's popular online math resource, Ask Dr. Math®. They are available for purchase at Amazon.com or your local bookstore.
<http://mathforum.org/pubs/dr.mathbooks.html>

Dr. Math Gets You Ready for Algebra



ISBN 0-471-22556-8

\$14.95 USA

\$22.95 CAN

£10.50 UK

Amazon.com price = \$10.17

Fundamental Operations
Introduction to Algebraic Thinking
Variables
Exponents
Large and Small Numbers
Order of Operations
Distributive Property and Other Properties

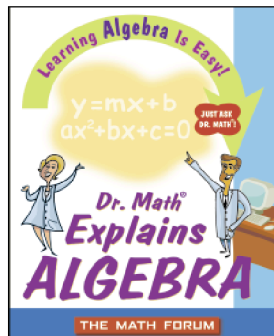
Integers
Coordinate Graphing of Integers
Origin of Integers
Adding and Subtracting Integers
Multiplying and Dividing Integers
Absolute Value

Real Numbers
Rational Numbers
Factoring
Squares and Square Roots
Irrational Numbers
Pi
Real Numbers

Equations with Variables
Solving Basic Equations
Graphing Equations
Equivalent Equations

Algebra Applications
Ratio and Proportion
Area and Perimeter
Distance, Rate, and Time Problems
Rate of Work Problems

Dr. Math Explains Algebra



ISBN 0-471-22555-X

\$14.95 USA

\$22.95 CAN

£10.50 UK

Amazon.com price = \$10.17

Linear Equations
Linear Expressions and Equations
Slope, Intercepts, and Slope-Intercept Form
Graphing Linear Equations

Systems of Equations
Simultaneous Equations
Graphing Simultaneous Equations
Inconsistent and Dependent Systems

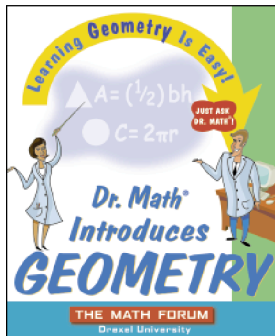
Polynomials
Monomials and Polynomials
Simplifying Polynomials
Adding and Subtracting Polynomials
Multiplying Polynomials
Patterns in Polynomials
Dividing Polynomials

Factoring
Prime, Composite, and Square Numbers
Factoring Monomials
Factoring Polynomials
Factoring the Difference of Two Squares

Quadratic Equations
Quadratic Expressions, Equations, And Functions
Solving Quadratic Equations by Factoring
Solving Quadratic Equations by Graphing
Solving Quadratic Equations by Taking Square Roots
Solving Quadratic Equations by Completing the Square
The Quadratic Formula

Dr. Math® Introduces Geometry

The book is a series of questions and answers arranged according to the geometry topics covered in grades 5 to 8, and supplemented with Internet references and a glossary.



ISBN 0-471-22554-1

\$14.95 USA

\$22.95 CAN

£10.50 UK

Amazon.com price = \$10.17

Introduction to Two-Dimensional (2-D) Geometric Figures

Points, Lines, and Planes

Angles

Triangles

Quadrilaterals

Areas and Perimeters of Two-Dimensional (2-D) Geometric Figures

Area and Perimeter

Units of Area

Areas and Perimeters of Parallelograms and Trapezoids

Circles and Pi

Pi, Circle Parts, and Circle Measurements

Introduction to Three-Dimensional (3-D) Geometric Figures

Polyhedra

Platonic Solids

Surface Area

Volume

Nets of Solids

Symmetry

Rigid Motions: Rotation, Reflection, Translation,
and Glide Reflection

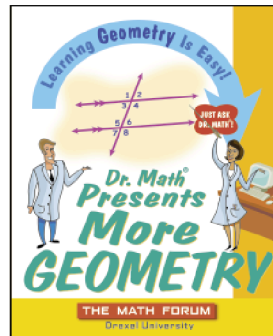
Symmetries

Lines of Symmetry

Tessellation

Dr. Math® Presents More Geometry

The book is a series of questions and answers arranged according to a standard high school Geometry class, and supplemented with Internet references and a glossary.



ISBN: 0-471-22553-3

\$14.95 USA

\$22.95 CAN

£10.50 UK

Amazon.com price = \$10.17

Points, Lines, Planes, Angles, and Their Relationships

Angle Relationships and Perpendicular and Parallel Lines

Proving Lines Parallel

The Parallel Postulate

Coordinates and Distance

Logic and Proof

Introduction to Logic

Direct Proof

Indirect Proof

Triangles: Properties, Congruence, and Similarity

The Triangle Inequality Property

Centers of Triangles

Isosceles and Equilateral Triangles

Congruence in Triangles: SSS, SAS, and ASA

Similarity in Triangles

Congruence Proofs

Quadrilaterals and Other Polygons

Properties of Polygons

Properties of Quadrilaterals

Area and Perimeter of Quadrilaterals

Circles and Their Parts

Tangents

Arcs and Angles

Chords

<http://mathforum.org/pubs/dr.mathbooks.html>

PEOPLE LEARNING MATH TOGETHER

The Math Forum is a research and educational enterprise of the Drexel University School of Education.