
I. Basic Algebraic Operations

*Numbers*-Sec. 1-1 p. 1-4
Homework p.5/9-27, odd

*Fundamental Operations of Algebra*-Sec. 1-2 p. 6-9
Homework p.10/5-43, odd

*Calculators and Approximate Numbers*-Sec. 1-3 p. 10-15
Homework p.15/5-39, odd

*Exponents*-Sec. 1-4 p. 16-20
Homework p.20/5-59, odd 65, 67

*Scientific Notation*-Sec. 1-5 p. 21-23
Homework p.23/3-51, odd

*Roots and Radicals*-Sec. 1-6 p. 24-26
Homework p.26/5-49, odd

*Addition and Subtraction of Algebraic Expressions*-Sec1-7 p26-29
Homework p.29/19-41, odd

*Multiplication of Algebraic Expressions*-Sec. 1-8 p. 29-32
Homework p.32/5,9,13,17,21,25,29,33,37,41,45,49,65

*Division of Algebraic Expressions*-Sec. 1-9 p.32-35
Homework p.35/5,9,13,17,21,25,29,33,37,43

*Solving Equations*-Sec. 1-10 p.36-39
Homework p.39/21-39, odd
Formulas and Literal Equations-Sec. 1-11 p.39-41

Homework p.41/5-37, odd

Applied Word Problems-Sec. 1-12 p.42-45

Homework p.45/5-29, odd

II. Geometry

Lines and Angles-Sec. 2-1 p. 51-53

Homework p. 53/13-23, odd

Triangles-Sec. 2-2 p. 54-59

Homework p. 59/9-43, odd

Quadrilaterals-Sec. 2-3 p. 61-63

Homework p. 63/5-23,29-33 odd

Circles-Sec. 2-4 p. 64-67

Homework p. 67/9-29, odd

Solid Geometric Figures-Sec. 2-6 p. 72-74

Homework p. 74/5-23, odd

III. Functions and Graphs

Introduction to Functions-Sec. 3-1 p. 81-84

Homework p.84/13-35, odd

More About Functions-Sec. 3-2 p. 85-88

Homework p. 88/5-27, odd

Rectangular Coordinates-Sec. 3-3 p. 90-91

Homework p. 91/7-31, odd

Graph of Linear Functions-Sec. 5-2 p. 141-144
Basic Definitions-Sec. 21-1 p. 560-563
Homework p. 563/5-43, odd

The Straight Line-Sec. 21-2 p. 564-567
Homework p. 568/5-35, odd

The Graph of a Function-Sec. 3-4 p. 92-96
Homework p. 96/5-41, odd

IV. Trigonometric Functions

Angles-Sec. 4-1 p. 110-113
Homework p. 113/11, 15, 19, 23, 27, 31, 35, 39, 43, 47, 51

Defining Trigonometric Functions-Sec. 4-2 p. 114-117
Homework p. 117/3-11, 17-25, 29 odd

Values of the Trigonometric Functions-Sec. 4-3 p. 118-121
Homework p. 121/9-21, 25-35, 41, 43, odd

The Right Triangle-Sec. 4-4 p. 122-126
Homework p. 126/9-25, odd

Applications of Right Triangles-Sec. 4-5 p. 127-128
Homework p. 129/3-25, odd

Trigonometric Functions of Any Angle-Sec. 8-2 p. 238-243
Homework p. 243/5-41, odd

Graphs of Trigonometric Functions-Sec. 10-1, 10-2 p. 292-298
Homework p. 295/7-15, odd 298/3-13, 23-31, odd

V. Vectors
Introduction to Vectors-Sec. 9-1 p. 258-262
Homework p. 262/9, 11, 17-33, 39-41, odd

Components of Vectors-Sec. 9-2 p. 263-265
Homework p. 265/3-27, odd

Vector Addition by Components-Sec. 9-3 p. 267-270
Homework p. 271/3-25, odd

Applications of Vectors-Sec. 9-4 p. 272-274
Homework p. 275/3-21, odd

VI. Systems of Linear Equations and Determinants

Solving Systems of Two Linear Equations in Two Unknowns Graphically-Sec. 5-3 p. 145-148
Homework p. 148/3-29, odd

Solving Systems of Two Linear Equations in Two Unknowns Algebraically-Sec. 5-4 p. 149-154
Homework p. 154/5-43, odd

Solving Systems of Two Linear Equations in Two Unknowns by Determinants-Sec. 5-5 p. 156-160
Homework p. 160/5,11,17-27, odd

Solving Systems of Three Linear Equations in Three Unknowns Algebraically-Sec. 5-6 p. 161-164
Homework p. 164/3-21, odd

Solving Systems of Three Linear Equations in Three Unknowns by Determinants-Sec. 5-7 p. 166-170
Homework p. 170/3-7, 15-23, 31, 33, odd

VII. Complex Numbers

Basic Definitions-Sec. 12-1 p. 339-342
Basic Operations with Complex Numbers-Sec. 12-2 p. 343-345
Homework p. 345/3-41, odd

Graphical Rep. of Complex Numbers-Sec. 12-3 p. 347-348
Homework p. 348/11-19, odd

Polar Form of a Complex Number-Sec. 12-4 p. 349-351
Homework p. 351/9-39, odd

Exponential Form of a Complex Number-Sec. 12-5 p. 352-354
Homework p. 354/5-39, odd

Products, Quotients, Powers and Roots of Complex Numbers-Sec. 12-6 p. 355-360
Homework p. 360/5-47, odd

An Application to AC Circuits-Sec.- 12-7 p. 361-365
Homework p. 366/3-23, odd

VIII. Quadratic Equations

Solution by Factoring-Sec. 7-1 p. 216-220
Homework p. 220/13-47, odd

Completing the Square-Sec. 7-2 p. 221-223
Homework p. 223/11-31, odd

The Quadratic Formula-Sec. 7-3 p. 224-226
Homework p. 226/5-23, 43-47, odd

The Graph of the Quadratic Function-Sec. 7-4 p. 228-231
Homework p. 231/5-23, odd