
CONTENTS

Basic Calculator Use.....	5
Linear Equations and Inequalities.....	8
Check Whether a Value is a Solution to an Equation.....	8
Check Whether a Value is a Solution to an Inequality	8
Find the LCD of Two or More Fractions.....	9
Check Whether a Point is on a Line.....	10
Graph a Line	10
Adjust the Grid Settings	11
View a Table of Points.....	12
Find the Intercepts of a Graph.....	13
Find the Equation of a Line Given Two Points	14
Graph an Inequality	15
Linear Systems	16
Solve a System of Linear Equations	16
Solve a System of Linear Equations Graphically	17
Graph a System of Inequalities	18
Introduction to Functions	19
Evaluate a Function for a Given Value	19
Graph a Function with a Restricted Domain.....	20
Graph an Absolute Value Function.....	21
Graph an Exponential Function.....	21
Find the Equation for an Exponential Function.....	22
Check Whether Two Expressions may be Equivalent	23
Sequences.....	24
Find Terms in an Arithmetic Sequence.....	24
Find Terms in a Geometric Sequence.....	25
Irrational Numbers	26
Simplify a Radical.....	26
Factoring.....	27
Find the GCF of Two or More Whole Numbers.....	27
Find the Pairs of Factors of a Whole Number.....	28
Quadratic Functions	29
Graph a Parabola.....	29
Find the Roots of a Parabola	30
Find the Vertex of a Parabola	31
Use the Quadratic Formula.....	32
Find the Equation of a Quadratic Function from a Table	33

Systems of Functions	34
Solve a System Graphically.....	34
Check the Solutions to a System.....	35
Transformations of Functions	36
Graph the Translation of a Function	36
Graph the Reflection of a Function	37
Graph the Vertical Stretch of a Function	37
Graph the Image after a Sequence of Transformations	38
Piecewise Functions.....	39
Graph a Piecewise Function.....	39
Graph a Step Function involving Floor.....	40
Graph a Step Function involving Ceiling	40
Univariate Statistics	41
Enter a List of Quantitative Data.....	41
Sort Data and Display as a Horizontal List	41
Enter a Frequency Table	42
Add Relative Frequencies to a Table.....	43
Add Cumulative Frequencies to a Table.....	43
Display a Frequency Histogram	44
Display a Cumulative Frequency Histogram	45
Find Measures of Central Tendency.....	46
Find the Standard Deviation.....	47
Find the Quartiles.....	48
Display a Box Plot.....	49
Show Outliers on a Box Plot.....	50
Bivariate Statistics	51
Enter Bivariate Data.....	51
Display a Scatter Plot.....	52
Find Summary Statistics for Bivariate Data	53
Find the Equation of the Linear Regression	54
Find the Correlation	55
Index of Functions.....	56