Kumon Mathematics Program

Level I

Square Roots
Quadratic Equations and Functions
Inequalities
Linear & Quadratic Equations and Graphs
The Pythagorean Theorem

Student Name: _____

Starting Date: _____

Completion Date: Your Goal _____

Jan	Apr	July	Oct
Feb	May	Aug	Nov
Mar	June	Sep	Dec

The goal is based upon your individual abilities. It takes into account the number of pages you are currently able to complete per day and the number of repetitions necessary to ensure mastery of the worksheets.

Goals of Level I

Level I aims for you to learn about square roots, quadratic equations, linear functions and quadratic functions.

Contents of Level I

Worksheet Number	Section	Worksheet Number	Section
1 - 20	Review up to H	101 - 140	Linear Functions and Graphs
21 - 50	Square Roots	141 - 170	Quadratic Functions and Graphs
51 - 80	Quadratic Equations		
81 - 100	Inequalities	171 - 200	The Pythagorean Theorem

KUM☺N®

Features of Level I

You will begin the level by learning about square roots. Your ability to calculate them will be frequently applied in later topics such as quadratic equations and the *Pythagorean Theorem*.

In Worksheets 51-80, you will learn the procedure for solving quadratic equations. You should use the quadratic formula only if you cannot factor the equation.

You will then learn about functions and graphs starting with graphing basic linear equations and then progressing to graphs of quadratic equations.

Worksheets 171-200 introduce the *Pythagorean Theorem* and, you will be working with geometry. The purpose is for you to attain the ability to work with geometry through calculation.

Upon successfully completing this level, you will have mastered important algebraic processes involving quadratics.

Instructor's Comments