

Examinations	626
College Entrance Exams	640
Logic	644
Flow Proofs	655
Handbook for Integrating Coordinate and Transformational Geometry	657
Discrete Mathematics	676
Fractal Geometry	684
Postulates	692
Theorems	693
Constructions	701
Portfolio Projects	702
Constructions Using Paper Folding	710
Coordinates in Three Dimensions	716
Changing the Dimensions of Geometric Figures	719
Relationships Among Sine, Cosine, and Tangent	722
Glossary	726
Index	733
Selected Answers	
Credits	

Using Technology with This Course

There are two types of optional computer material in this book: Explorations and Computer Key-Ins. The Explorations sections are intended for use with computer software that draws and measures geometric figures, such as *Geometry Grapher* and *Geometric Supposer*. These sections provide exploratory exercises that lead students to discover geometric properties and develop geometric intuition.

The Computer Key-Ins do not require any supplementary computer software. These features teach some programming in BASIC and usually include a program that students can run to explore a topic covered in the chapter. Some writing of programs may be required in some of these features.

Calculator Key-In features and certain exercise sets also suggest appropriate use of scientific calculators with this course.