



Table of Contents

Prematter

[Introduction](#)

[Using the Geometry Applet](#)

[About the text](#)

[Euclid](#)

[A quick trip](#) through the *Elements*

[References](#) to Euclid's *Elements* on the Web

[Subject index](#)

Book I. The fundamentals of geometry: theories of triangles, parallels, and area.

[Definitions](#) (23)

[Postulates](#) (5)

[Common Notions](#) (5)

[Propositions](#) (48)

Book II. Geometric algebra.

[Definitions](#) (2)

[Propositions](#) (13)

Book III. Theory of circles.

[Definitions](#) (11)

[Propositions](#) (37)

Book IV. Constructions for inscribed and circumscribed figures.

[Definitions](#) (7)

[Propositions](#) (16)

Book V. Theory of abstract proportions.

[Definitions](#) (18)

[Propositions](#) (25)

Book VI. Similar figures and proportions in geometry.

[Definitions](#) (11)

[Propositions](#) (37)

Book VII. Fundamentals of number theory.

[Definitions](#) (22)

[Propositions](#) (39)

Book VIII. Continued proportions in number theory.

[Propositions](#) (27)

Book IX. Number theory.

[Propositions](#) (36)

Book X. Classification of incommensurables.

[Definitions I](#) (4)

[Propositions 1-47](#)

[Definitions II](#) (6)

[Propositions 48-84](#)

[Definitions III \(6\)](#)

[Propositions 85-115](#)

Book XI. Solid geometry.

[Definitions \(28\)](#)

[Propositions \(39\)](#)

Book XII. Measurement of figures.

[Propositions \(18\)](#)

Book XIII. Regular solids.

[Propositions \(18\)](#)

Select topic ▼

Select book ▼

©1996, 1997

[David E. Joyce](#)

djoyce@clarku.edu

[Department of Mathematics and Computer Science](#)

[Clark University](#)

Worcester, MA 01610