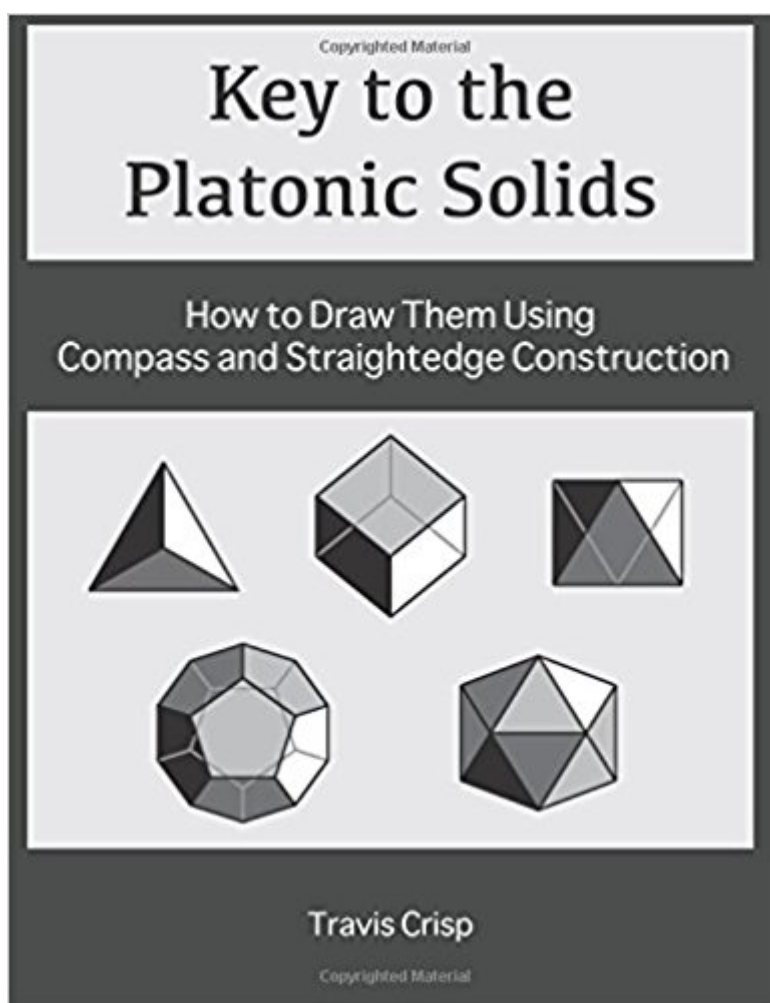


The book was found

# Key To The Platonic Solids: How To Draw Them Using Compass And Straightedge Construction



## Synopsis

Learn how to draw all of the platonic solids from each of the face, edge, and vertex positions. Follow along with step by step instructions to guide you through this series of original compass and straightedge construction sequences, devised and developed by the author. These methods utilize logical assumptions based upon the known mathematical formulas for the polyhedra. Each sequence begins by drawing a circle that is assumed to share the same radius as the circumsphere of the polyhedron being drawn. By assuming a constant circumsphere radius, other assumptions can be made regarding the different relationships between the various polyhedra. This unique approach to an ancient technique provides the key to drawing the platonic solids like never before. Complete with a comprehensive introduction to the key concepts involved, this work is accessible to beginners while sure to provide many hours of challenging engagement for experts as well.

## Book Information

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## Customer Reviews

Very Insightful and Thorough. The author has a penchant for making clear and concise instructions in a logically compact format. I highly recommend this book as both an interesting dive into traditional construction as well as a valuable resource and reference. If you're on the fence, buy this book, you'll be glad you did.

It was exciting to learn how to draw the platonic solids from some different perspectives that are less commonly seen and known. Definitely a fresh look at the topic.

Super in depth and well timed!

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