# **The IMO Companion Test Paper**

#### **Prepare for the International Mathematical Olympiad**

The International Mathematical Olympiad (IMO) is a prestigious annual mathematics competition for high school students. It is one of the most challenging academic competitions in the world, and only a small number of students are selected to represent their countries each year.



#### **IMO Companion Test Paper: for IMO aspirants of Grade**

IV by Spire Study System

★ ★ ★ ★ ★ 4.6 out of 5 Language : English File size : 2041 KB Text-to-Speech : Enabled Screen Reader : Supported Enhanced typesetting: Enabled Print length : 33 pages : Enabled Lending Hardcover : 333 pages

Item Weight

Dimensions : 6.14 x 0.94 x 9.21 inches

: 1.32 pounds



The IMO Companion Test Paper is an essential resource for students preparing for the IMO. This book contains 100 practice problems that are similar to the problems that are typically found on the IMO. The problems are divided into six chapters, covering the following topics:

Number theory

- Algebra
- Geometry
- Combinatorics
- Probability
- Inequalities

Each chapter begins with a brief overview of the relevant mathematical concepts. This is followed by a set of practice problems, ranging in difficulty from easy to difficult.

The IMO Companion Test Paper is also a valuable resource for teachers who are preparing students for the IMO. The book can be used to supplement classroom instruction, and it can also be used to help students identify their strengths and weaknesses.

### **Benefits of using the IMO Companion Test Paper**

- Helps students to develop their problem-solving skills
- Familiarizes students with the types of problems that are typically found on the IMO
- Helps students to identify their strengths and weaknesses
- Can be used to supplement classroom instruction
- Is a valuable resource for teachers who are preparing students for the
   IMO

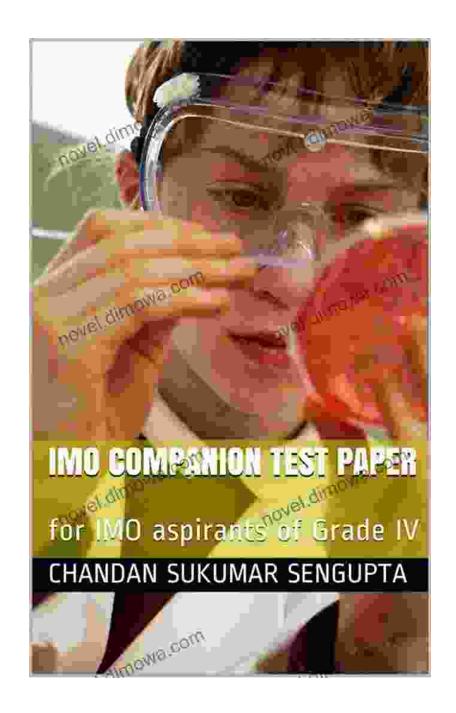
#### **Testimonials**

"The IMO Companion Test Paper is an excellent resource for students preparing for the IMO. The problems are challenging and thought-provoking, and they cover a wide range of mathematical topics. I highly recommend this book to any student who is serious about competing in the IMO." - Dr. David Patrick, Professor of Mathematics, University of California, Berkeley

"The IMO Companion Test Paper is a must-have for any student who is preparing for the IMO. The problems are well-written and challenging, and they provide excellent practice for the real thing. I highly recommend this book to any student who is looking to improve their chances of success at the IMO." - Dr. Maria Klawe, President, Harvey Mudd College

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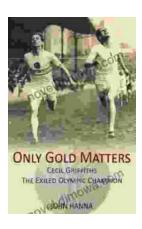
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