

MATHEMATICAL CURIOSITIES

Gerald Jenkins

Magdalen Bear

A collection of interesting and curious facts of a mathematical nature



How to make good models

1. Cut out the model of your choice from the book, keeping well away from the outline.
2. Score along all fold lines and then cut out the individual pieces carefully.
3. Carefully fold along the fold lines to make either a full fold or a valley fold depending to whether the line is dashed or solid.

The dashed lines fold away from you to give a full fold.

The dashed lines fold towards you to give a valley fold.

Type of glue

To get the best results you need a glue stick or white glue. It is essential that you do not use any other glue. We have recommended a particular brand but you can use any other brand, especially the 'gel' variety. But do not use any of the adhesive sealants. They are also not recommended.

Scoring

Scoring is very important if you are to make a good model. It makes the paper fold along with accuracy and it is essential that you do not use any other glue. We have recommended a particular brand but you can use any other brand, especially the 'gel' variety. But do not use any of the adhesive sealants. They are also not recommended.

Mistake



4. Glue joints. Do not start to glue until all the pieces are done.
5. There are numbers on the flaps which show the best order in which to glue the pieces together. When a piece has to be made before it is joined to another piece use the letters A, B, C, etc. Glue flaps with the same letter or number at the same time. Some flaps are marked with a triangle. It is important to glue such flaps with the triangle pointing in the same direction.

CE



THE DIABOLIC FRAME

This curious model is a three-dimensional representation of a square frame. It is made of paper and is a very interesting and curious model. It is made of paper and is a very interesting and curious model. It is made of paper and is a very interesting and curious model.



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O García



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Table of Contents **Mathematical Curiosities 3 Tarquin**mathematical Curiosities Series

1. Understanding the eBook Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - The Rise of Digital Reading Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Personalized Recommendations

- Mathematical Curiosities 3 Tarquinmathematical Curiosities Series User Reviews and Ratings
- Mathematical Curiosities 3 Tarquinmathematical Curiosities Series and Bestseller Lists
- 5. Accessing Mathematical Curiosities 3 Tarquinmathematical Curiosities Series Free and Paid eBooks
 - Mathematical Curiosities 3 Tarquinmathematical Curiosities Series Public Domain eBooks
 - Mathematical Curiosities 3 Tarquinmathematical Curiosities Series eBook Subscription Services
 - Mathematical Curiosities 3 Tarquinmathematical Curiosities Series Budget-Friendly Options
- 6. Navigating Mathematical Curiosities 3 Tarquinmathematical Curiosities Series eBook Formats
 - ePub, PDF, MOBI, and More
 - Mathematical Curiosities 3 Tarquinmathematical Curiosities Series Compatibility with Devices
 - Mathematical Curiosities 3 Tarquinmathematical Curiosities Series Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Highlighting and Note-Taking Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Interactive Elements Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
- 8. Staying Engaged with Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
- 9. Balancing eBooks and Physical Books Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Setting Reading Goals Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Mathematical Curiosities 3 Tarquinmathematical Curiosities Series
 - Fact-Checking eBook Content of Mathematical Curiosities 3 Tarquinmathematical Curiosities Series

- Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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