



Division

E

Mathematical Olympiads

November 13, 2012

for Elementary & Middle Schools

Contest

1

1A Time: 3 minutes

Find the value of $87 - 76 + 65 - 54 + 43 - 32 + 21 - 10$.

1B Time: 5 minutes

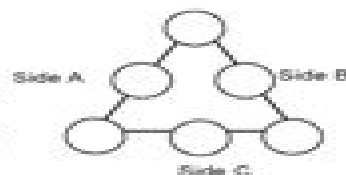
Grace chooses five different numbers from the list 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. Two of those numbers are 4 and 5, and they are the only two numbers she picks that differ by 1. What is the greatest possible sum of the five numbers?

1C Time: 5 minutes

A 7×7 square is marked off into forty-nine 1×1 small squares. Each of the small squares along the edges of the large square is painted blue. How many small squares are painted blue?

1D Time: 6 minutes

The numbers 1, 2, 3, 4, 5, and 6 are placed in the diagram, one in each circle. The sum of the numbers along Side A is 13, along Side B is 13, and along Side C is 6. What number is in the circle at the top of the diagram?



1E Time: 6 minutes

The region inside the circle can be cut into 2 parts by drawing 1 line through it, as shown. What is the greatest number of parts that can be formed by drawing 4 lines through the region?



Please fold over on line. Write answers on back.

Elementary Math Olympiad Questions And Answers

Raffaela Di Napoli



Elementary Math Olympiad Questions And Answers:

Reviewing **Elementary Math Olympiad Questions And Answers**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Elementary Math Olympiad Questions And Answers**," an enthralling opus penned by a very acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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Table of Contents Elementary Math Olympiad Questions And Answers

1. Understanding the eBook Elementary Math Olympiad Questions And Answers
 - The Rise of Digital Reading Elementary Math Olympiad Questions And Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Elementary Math Olympiad Questions And Answers
 - 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 Elementary Math Olympiad Questions And Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Elementary Math Olympiad Questions And Answers
 - Personalized Recommendations
 - Elementary Math Olympiad Questions And Answers User Reviews and Ratings
 - Elementary Math Olympiad Questions And Answers and Bestseller Lists

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