

# ib math ia examples

**ib math ia examples** serve as essential guides for students undertaking the Internal Assessment (IA) component of the International Baccalaureate (IB) Mathematics course. This article explores various high-quality examples of IB Math IAs, illustrating different approaches, topics, and mathematical techniques that can be applied to meet the IA criteria effectively. By examining these examples, students can gain insights into how to structure their investigations, select appropriate mathematical content, and present their findings clearly. The article also discusses common themes and innovative ideas that have proven successful in IB Math IA submissions. Furthermore, tips on how to avoid common pitfalls and maximize the potential of an IA are outlined. This comprehensive guide aims to enhance understanding of what constitutes a strong IB Math IA and provides inspiration for students seeking to excel. The following sections will detail exemplary projects, topic ideas, and strategic advice for crafting a compelling math internal assessment.

- Understanding the IB Math IA Requirements
- Popular Topics and Themes in IB Math IA Examples
- Detailed Examples of IB Math IA Projects
- Mathematical Techniques and Tools Used in IB Math IA
- Tips for Writing and Presenting a Successful IB Math IA

## Understanding the IB Math IA Requirements

To create an effective IB Math IA, it is crucial to understand the specific requirements and assessment criteria set by the IB organization. The Internal Assessment is a mathematical exploration, which allows students to investigate an area of personal interest within mathematics. The IA is internally assessed and externally moderated, contributing significantly to the final grade.

The IA must demonstrate mathematical understanding, personal engagement, and communication skills. It should contain a clear rationale, appropriate mathematical content, logical development of ideas, and a conclusion or reflection. Moreover, originality and relevance are highly valued. Students are encouraged to select topics that are manageable yet sufficiently complex to showcase their abilities.

## Assessment Criteria Overview

The IB Math IA is evaluated based on several key criteria:

- **Criterion A:** Presentation – clarity and organization of the mathematical work.

- **Criterion B:** Mathematical Communication – use of correct terminology, notation, and symbols.
- **Criterion C:** Personal Engagement – evidence of individual initiative and creativity.
- **Criterion D:** Reflection – thoughtful consideration of the results and processes.
- **Criterion E:** Use of Mathematics – appropriate and accurate application of mathematical concepts.

Understanding these criteria helps students align their work with IB expectations and utilize IB Math IA examples effectively as models.

## Popular Topics and Themes in IB Math IA Examples

Choosing an engaging and mathematically rich topic is a critical step in the success of an IB Math IA. Various themes have consistently appeared in exemplary submissions, reflecting both student interests and accessible mathematical depth.

### Common Topic Areas

Some of the most popular topics include:

- **Statistics and Probability:** Analysis of real-world data sets, probability models, and statistical inference.
- **Calculus:** Investigations involving rates of change, optimization problems, and area under curves.
- **Algebra:** Examination of sequences, series, and polynomial functions.
- **Geometry and Trigonometry:** Studies of shapes, transformations, and trigonometric identities.
- **Number Theory:** Exploration of prime numbers, divisibility, and modular arithmetic.
- **Mathematical Modelling:** Application of mathematics to real-life scenarios such as population growth or economics.

### Innovative and Interdisciplinary Themes

More creative IB Math IA examples often incorporate interdisciplinary elements, such as:

- Music and mathematics – analyzing patterns in sound waves or rhythms.
- Art and symmetry – exploring fractals or tessellations.
- Sports statistics – evaluating player performance or game probabilities.
- Environmental studies – modeling resource consumption or climate data.

Such topics not only demonstrate mathematical proficiency but also personal engagement and originality.

## **Detailed Examples of IB Math IA Projects**

Examining specific IB Math IA examples helps clarify how to approach the IA structurally and mathematically. Below are summaries of typical successful projects with explanations of their mathematical content and presentation.

### **Example 1: Investigating the Golden Ratio in Nature**

This IA explores the occurrence of the golden ratio (approximately 1.618) in natural objects, such as the arrangement of leaves or the spirals of shells. The student collects data, measures relevant dimensions, and calculates ratios to determine the extent to which these conform to the golden ratio.

The mathematical techniques involve ratios, sequences, and possibly logarithmic spirals. The IA includes graphical representations and a discussion of deviations and measurement errors, demonstrating critical reflection.

### **Example 2: Modeling the Spread of a Virus Using Exponential Functions**

In this project, the student models the spread of a contagious disease by applying exponential growth functions. Using real data or hypothetical scenarios, the IA involves defining the mathematical model, fitting parameters, and analyzing the behavior over time.

Calculus concepts such as derivatives are used to study the rate of infection change. The student reflects on the model's limitations and possible improvements, showing deep understanding and analytical skills.

### **Example 3: Statistical Analysis of Sports Performance**

This investigation analyzes player statistics from a particular sport, using measures such as mean, median, standard deviation, and correlation coefficients. The student might test hypotheses about performance consistency or predict future outcomes using regression analysis.

The IA presents clear tables, graphs, and interpretations, with an emphasis on accurate data handling and relevance to the chosen sport.

## **Mathematical Techniques and Tools Used in IB Math IA**

Successful IB Math IA examples demonstrate proficiency in a variety of mathematical methods and tools. Selecting appropriate techniques is vital to effectively addressing the research question.

### **Common Mathematical Methods**

The following techniques frequently appear in high-quality IAs:

- Algebraic manipulation and solving equations
- Calculus (differentiation and integration)
- Statistical measures and probability distributions
- Mathematical modeling and simulation
- Graphing and data visualization
- Use of sequences and series

### **Technological Tools**

Many students incorporate technology to enhance their IA. Common tools include:

- Graphing calculators for plotting functions and solving equations
- Spreadsheet software for data analysis and visualization
- Mathematical software such as GeoGebra, Desmos, or Wolfram Alpha
- Programming languages like Python or R for complex simulations

Proper integration of technology supports clarity, accuracy, and depth in mathematical exploration.

# Tips for Writing and Presenting a Successful IB Math IA

Beyond choosing a good topic and applying mathematical techniques, effective writing and presentation are crucial for a high-scoring IB Math IA.

## Organization and Clarity

A well-structured IA includes an introduction that outlines the investigation's purpose and rationale, a body that develops the mathematical work logically, and a conclusion reflecting on findings and limitations. Clear headings and coherent paragraphs aid readability.

## Mathematical Communication

Use precise mathematical language, correct notation, and consistent terminology throughout. Including diagrams, graphs, and tables enhances understanding, but should be well-integrated and referenced in the text.

## Personal Engagement and Originality

Demonstrate individual interest by choosing unique topics or applying mathematics creatively. Including personal reflections on challenges and learning experiences can strengthen the IA's impact.

## Common Pitfalls to Avoid

1. Choosing topics that are too broad or too simple.
2. Insufficient mathematical depth or incorrect calculations.
3. Lack of clear explanation or poor organization.
4. Over-reliance on copied content without personal analysis.
5. Neglecting reflection on results and limitations.

Addressing these issues can significantly improve the quality of the IA.

## Frequently Asked Questions

## **What are some good example topics for an IB Math IA?**

Good IB Math IA topics include exploring the mathematics behind fractals, analyzing statistical data from sports, modeling population growth using differential equations, or investigating the mathematics of music and sound frequencies.

## **Where can I find sample IB Math IA examples for inspiration?**

You can find sample IB Math IA examples on educational websites like IB Maths Resources, YouTube channels dedicated to IB Math, and official IB forums where students share their projects.

## **How detailed should my IB Math IA examples be?**

Your IB Math IA should be detailed enough to show clear understanding and application of mathematical concepts, including thorough explanations, step-by-step calculations, graphs or diagrams, and reflections on results.

## **Can I use real-life data in my IB Math IA examples?**

Yes, using real-life data is encouraged as it makes your IA more engaging and demonstrates practical application of mathematics. Just ensure the data is reliable and properly referenced.

## **What mathematical areas are commonly explored in IB Math IA examples?**

Common areas include calculus, statistics and probability, algebra, geometry, number theory, and mathematical modeling.

## **How can I ensure my IB Math IA example is original?**

Choose a unique topic or approach, use your own data or examples, and provide personal insights or interpretations to distinguish your IA from others.

## **Are there any common mistakes to avoid in IB Math IA examples?**

Common mistakes include lack of mathematical depth, insufficient explanation, poor organization, ignoring the criterion requirements, and not reflecting on the mathematical processes.

## **Can I base my IB Math IA example on a real-world problem?**

Absolutely. Real-world problems make your IA more interesting and relevant. Examples

include analyzing traffic flow, optimizing business profits, or studying environmental data.

## How long should the IB Math IA examples be?

The IB Math IA should be around 6 to 12 pages long, balancing depth and clarity without being overly lengthy or too brief.

## Additional Resources

### 1. *Exploring Mathematics: An IB Math IA Guide*

This book offers a comprehensive collection of Internal Assessment examples for IB Math students. It breaks down the process of selecting topics, conducting investigations, and presenting findings effectively. With detailed explanations and sample projects, it serves as a practical companion for those aiming to excel in their Math IA.

### 2. *IB Math Internal Assessment: Topics and Techniques*

Focusing on a variety of interesting and original IA topics, this book guides students through the methodology behind successful math investigations. It includes step-by-step approaches to data collection, analysis, and interpretation. The book also emphasizes the importance of clear communication and mathematical rigor.

### 3. *Mathematics Exploration for the IB: Sample IAs and Strategies*

Designed for both SL and HL students, this resource provides a range of sample Internal Assessments with commentary. It highlights effective strategies for tackling complex math problems and encourages creativity in mathematical modeling. The book also discusses common pitfalls and how to avoid them.

### 4. *IB Math IA Examples: From Idea to Presentation*

This volume focuses on transforming initial ideas into well-structured Internal Assessments. It includes real student examples with annotations explaining the strengths and weaknesses of each. Readers gain insight into how to refine their investigations and improve their final submissions.

### 5. *Internal Assessment in IB Mathematics: A Student's Guide*

Offering practical advice and numerous IA examples, this guide helps students understand the assessment criteria and how to meet them. It emphasizes critical thinking and the application of mathematical concepts to real-world scenarios. The book also provides tips on time management and research organization.

### 6. *Creative Mathematics: Inspiring IB Math IA Projects*

This book encourages students to think outside the box when choosing IA topics by showcasing innovative and original projects. It includes explorations across different areas of mathematics, such as statistics, calculus, and algebra. Each example is accompanied by explanations to inspire and guide students.

### 7. *Mathematics Internal Assessment: A Complete Guide for IB Students*

Covering all aspects of the IA process, this book offers detailed examples and comprehensive explanations. It helps students understand the expectations of the IB curriculum and how to demonstrate mathematical understanding. The guide also provides

advice on formatting and presentation.

#### 8. *Successful IB Math IA: Examples and Explanations*

This resource presents a variety of high-scoring Internal Assessments along with teacher comments and scoring breakdowns. It aims to demystify what the IB examiners look for in a strong IA. Students can learn from these examples to improve their own work and approach.

#### 9. *Mathematical Investigations for the IB Diploma: IA Examples and Methods*

Focusing on investigative approaches, this book presents numerous examples of math IAs that involve exploration and discovery. It encourages students to develop their own questions and use appropriate mathematical tools to find solutions. The book also discusses how to write up investigations clearly and coherently.

## **Ib Math Ia Examples**

Find other PDF articles:

<https://test.murphyjewelers.com/archive-library-105/Book?dataid=SBu95-2308&title=best-colors-for-education.pdf>

**ib math ia examples: IB Math IA (Internal Assessment)** Alvin Loo Chee Wee, This is a book for provide the initial discussion you need to start off your Math IA journey in case you feel you are not getting sufficient help. It contains ten report ideas and how one can potentially develop them into a report. It also contains comments on recommended report structure, sequence and tips on perfecting your Math typography!

**ib math ia examples: Mathematics Curriculum Topic Study** Page Keeley, Cheryl M. Rose, 2006-04-06 The Curriculum Topic Study (CTS) process provides a professional development strategy that links mathematics standards and research to curriculum, instruction, and assessment.

**ib math ia examples: The Analysis and Design of Linear Circuits** Roland E. Thomas, Albert J. Rosa, Gregory J. Toussaint, 2016-01-05 The Analysis and Design of Linear Circuits, 8th Edition provides an introduction to the analysis, design, and evaluation of electric circuits, focusing on developing the learners design intuition. The text emphasizes the use of computers to assist in design and evaluation. Early introduction to circuit design motivates the student to create circuit solutions and optimize designs based on real-world constraints. This text is an unbound, three hole punched version.

**ib math ia examples: Introducing the IB Diploma Programme** Marc Abrioux, Jill Rutherford, 2013-02-14 Schools wishing to introduce the IB diploma programme are faced with major investment in terms of time, effort and money in order to become authorised. This manual is a resource for schools already offering the diploma, as well as for prospective diploma schools.

**ib math ia examples: Topics in Non-Commutative Geometry** Yuri I. Manin, 2014-07-14 There is a well-known correspondence between the objects of algebra and geometry: a space gives rise to a function algebra; a vector bundle over the space corresponds to a projective module over this algebra; cohomology can be read off the de Rham complex; and so on. In this book Yuri Manin addresses a variety of instances in which the application of commutative algebra cannot be used to describe geometric objects, emphasizing the recent upsurge of activity in studying noncommutative rings as if they were function rings on noncommutative spaces. Manin begins by summarizing and



giving examples of some of the ideas that led to the new concepts of noncommutative geometry, such as Connes' noncommutative de Rham complex, supergeometry, and quantum groups. He then discusses supersymmetric algebraic curves that arose in connection with superstring theory; examines superhomogeneous spaces, their Schubert cells, and superanalogues of Weyl groups; and provides an introduction to quantum groups. This book is intended for mathematicians and physicists with some background in Lie groups and complex geometry. Originally published in 1991. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

**ib math ia examples:** Manual of Instructions for Completing the Consolidated Evaluation Report for Multi-funded Educational Programs California. Department of Education, 1976

**ib math ia examples:** **Metric America** Paul Reheard Frey, 1980

**ib math ia examples:** Probus , 2001

**ib math ia examples:** *Integration of Distributed Generation in the Power System* Math H. J. Bollen, Fainan Hassan, 2011-08-04 The integration of new sources of energy like wind power, solar-power, small-scale generation, or combined heat and power in the power grid is something that impacts a lot of stakeholders: network companies (both distribution and transmission), the owners and operators of the DG units, other end-users of the power grid (including normal consumers like you and me) and not in the least policy makers and regulators. There is a lot of misunderstanding about the impact of DG on the power grid, with one side (including mainly some but certainly not all, network companies) claiming that the lights will go out soon, whereas the other side (including some DG operators and large parks of the general public) claiming that there is nothing to worry about and that it's all a conspiracy of the large production companies that want to protect their own interests and keep the electricity price high. The authors are of the strong opinion that this is NOT the way one should approach such an important subject as the integration of new, more environmentally friendly, sources of energy in the power grid. With this book the authors aim to bring some clarity to the debate allowing all stakeholders together to move to a solution. This book will introduce systematic and transparent methods for quantifying the impact of DG on the power grid.

**ib math ia examples:** **Undergraduate Catalog** University of Michigan--Dearborn, 2006

**ib math ia examples:** **Encyclopaedia of Mathematics** M. Hazewinkel, 2013-12-01

**ib math ia examples:** Encyclopaedia of Mathematics Michiel Hazewinkel, 1989-08-31 V.1. A-B v.2. C v.3. D-Feynman Measure. v.4. Fibonaccimethod H v.5. Lituus v.6. Lobachevskii Criterion (for Convergence)-Optical Sigman-Algebra. v.7. Orbi t-Rayleigh Equation. v.8. Reaction-Diffusion Equation-Stirling Interpolation Formula. v.9. Stochastic Approximation-Zygmund Class of Functions. v.10. Subject Index-Author Index.

**ib math ia examples:** Canadian Journal of Mathematics , 1992-02

**ib math ia examples:** Hypersonic Inviscid Flow Wallace D. Hayes, Ronald F. Probst, 2012-07-13 Unified, self-contained view of nonequilibrium effects, body geometries, and similitudes available in hypersonic flow and thin shock layer; appropriate for graduate-level courses in hypersonic flow theory. 1966 edition.

**ib math ia examples:** Applied Mechanics Reviews , 1993

**ib math ia examples:** Harpers' Latin Dictionary Charlton Thomas Lewis, 1879

**ib math ia examples:** **The Psychology of Reasoning** Eugenio Rignano, 1923

**ib math ia examples:** **Mathematics of Complexity and Dynamical Systems** Robert A. Meyers, 2011-10-05 Mathematics of Complexity and Dynamical Systems is an authoritative reference to the basic tools and concepts of complexity, systems theory, and dynamical systems from the perspective of pure and applied mathematics. Complex systems are systems that comprise many

interacting parts with the ability to generate a new quality of collective behavior through self-organization, e.g. the spontaneous formation of temporal, spatial or functional structures. These systems are often characterized by extreme sensitivity to initial conditions as well as emergent behavior that are not readily predictable or even completely deterministic. The more than 100 entries in this wide-ranging, single source work provide a comprehensive explication of the theory and applications of mathematical complexity, covering ergodic theory, fractals and multifractals, dynamical systems, perturbation theory, solitons, systems and control theory, and related topics. Mathematics of Complexity and Dynamical Systems is an essential reference for all those interested in mathematical complexity, from undergraduate and graduate students up through professional researchers.

**ib math ia examples:** *NBS Special Publication* , 1968

**ib math ia examples: Publications** United States. National Bureau of Standards, 1975

## Related to ib math ia examples

International Baccalaureate (IB) is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

IB is a non-profit organization that provides a rigorous, internationally recognized curriculum for students aged 13-19. The IB program is designed to develop students' intellectual, personal, and social skills, and to prepare them for higher education and the workforce.

**IB A level** چیست؟ - IB AL چیست؟ IB چیست؟ GCE A-Level, AL چیست؟

**ib** چیست؟ - 1. IBDP چیست؟ IB چیست؟ EE&TOK CAS چیست؟ SL چیست؟

IB چیست؟ - IB International Baccalaureate چیست؟ IBO چیست؟ 3-19 چیست؟

IB چیست؟ - IB IB چیست؟ IBO چیست؟ A-Level چیست؟ AP چیست؟ 3-19 چیست؟

**A-level** IB AP SAT ACT چیست؟ - IB K12 چیست؟ 12 چیست؟ IB چیست؟ A-Level چیست؟

**IB** چیست؟ - IB چیست؟ IB 45 چیست؟ IB چیست؟ IB چیست؟

IB چیست؟ - IB IB 95% IB 100 G5 G5

IB چیست؟ - IB “” IB AP IB 20

IB/Alevel/AP چیست؟ - IB/Alevel/AP bg gpa 3% business/econ/acct

IB چیست؟ - IB IB 45 7 4 42 3 (TOK CAS ) 3 IB 45

**IB A level** چیست؟ - IB AL چیست؟ IB چیست؟ GCE A-Level, AL چیست؟

**ib** چیست؟ - 1. IBDP چیست؟ IB چیست؟ EE&TOK CAS چیست؟ SL چیست؟

IB چیست؟ - IB International Baccalaureate چیست؟ IBO چیست؟ 3-19 چیست؟

IB چیست؟ - IB IB چیست؟ IBO چیست؟ A-Level چیست؟ AP چیست؟ 3-19 چیست؟

**A-level** IB AP SAT ACT چیست؟ - IB K12 چیست؟ 12 چیست؟ IB چیست؟ A-Level چیست؟

**IB** چیست؟ - IB IB 45 چیست؟ IB چیست؟ IB چیست؟

IB چیست؟ - IB IB 95% IB 100 G5 G5

IB چیست؟ - IB “” IB AP IB 20

IB/Alevel/AP چیست؟ - IB/Alevel/AP bg gpa 3% business/econ/acct

IB چیست؟ - IB IB 45 7 4 42 3 (TOK CAS ) 3 IB 45

**IB A level** چیست؟ - IB AL چیست؟ IB چیست؟ GCE A-Level, AL چیست؟

**ib** چیست؟ - 1. IBDP چیست؟ IB چیست؟ EE&TOK CAS چیست؟ SL چیست؟

IB چیست؟ - IB International Baccalaureate چیست؟ IBO چیست؟ 3-19 چیست؟

IB چیست؟ - IB IB چیست؟ IBO چیست؟ A-Level چیست؟ AP چیست؟ 3-19 چیست؟

**A-level** IB AP SAT ACT چیست؟ - IB K12 چیست؟ 12 چیست؟ IB چیست؟ A-Level چیست؟

**IB** چیست؟ - IB IB 45 چیست؟ IB چیست؟ IB چیست؟

IB

IB - IB 95% IB 100 G5 G5

IB - IB “” IB AP IB 20

IB/Alevel/AP - IB/Alevel/AP bg gpa 3% business/econ/acct

IB - IB ? IB 45 7 4 42; 3 (TOK CAS 3 IB 45)

IB A level ? - IB AL IB GCE A-Level, AL

ib - 1. IB DP IB EE&TOK CAS

IB - IB International Baccalaureate IBO 3-19

IB - IB IB IBO A-Level + AP 3-19

A-level IB AP SAT ACT - IB K12 12 IB A-Level

IB - IB IB 45 IB

IB - IB 95% IB 100 G5 G5

IB - IB “” IB AP IB 20

IB/Alevel/AP - IB/Alevel/AP bg gpa 3% business/econ/acct

IB - IB ? IB 45 7 4 42; 3 (TOK CAS 3 IB 45)

IB A level ? - IB AL IB GCE A-Level, AL

ib - 1. IB DP IB EE&TOK CAS

## Related to ib math ia examples

**Math 231/232 Integrated Calculus IA and IB** (University of Delaware1y) The information presented here is intended to describe the course goals for current and prospective students as well as others who are interested in our courses. It is not intended to replace the

**Math 231/232 Integrated Calculus IA and IB** (University of Delaware1y) The information presented here is intended to describe the course goals for current and prospective students as well as others who are interested in our courses. It is not intended to replace the

Back to Home: <https://test.murphyjewelers.com>