

QUESTION 1: FACTORISE

- 1.1 Factorise the following expression completely:

$$x\left(\frac{2x^2}{x} - \frac{3xy}{x}\right) + y\left(\frac{2xy}{y} - \frac{3y^2}{y}\right) \quad (3)$$

- 1.2 When $f(x) = 3ax^3 + 2x^2 - 7x + 3$ is divided by $2x + 1$ the remainder is $-\frac{a}{2}$.

Determine the value or values of a . (5)

- 1.3 Simplify the following expression:

$$\frac{b}{a+b} + \frac{a}{a-b} + \frac{2ab}{b^2 - a^2} \quad (6)$$

[14]

QUESTION 2: FACTORISE – AUG 18

- 2.1 Simplify the following algebraic fraction:

$$\frac{x^2 - 4}{3x^2 + 4x - 4} \div \frac{x^2 - 4x + 4}{2x^2 - 11x + 14} \times \frac{3x - 2}{6x - 21} \quad (5)$$

- 2.2 When $f(x)$ is divided by $2x - 3$ the remainder is 4.

Determine the value of p if $f(x) = 2x^3 - px^2 + 6x - 5$. (4)

- 2.3 Factorise the following expression completely:
 $ax + 9by - 3ay - 3bx$

(3)

- 2.4 Simplify the following expression:

$$\frac{x + 9x^{\frac{1}{2}}}{x + 7x^{\frac{1}{2}} - 18} \div \left(1 - \frac{2}{x^{\frac{1}{2}}}\right)^{-1} \quad (5)$$

[17]

QUESTION 3: FACTORISE

- 3.1 Factorise the following as far as possible in prime factors:

3.1.1 $5x^4 - 5y^4$

3.1.2 $15x^2y^2 - 25xy^3 - 10y^4$

(2 × 3) (6)

Mathematics N3 Question Papers 2013

Anthony S. Fauci



Mathematics N3 Question Papers 2013:

IJER Vol 25-N3 International Journal of Educational Reform,2016-12-20 The mission of the International Journal of Educational Reform IJER is to keep readers up to date with worldwide developments in education reform by providing scholarly information and practical analysis from recognized international authorities As the only peer reviewed scholarly publication that combines authors voices without regard for the political affiliations perspectives or research methodologies IJER provides readers with a balanced view of all sides of the political and educational mainstream To this end IJER includes but is not limited to inquiry based and opinion pieces on developments in such areas as policy administration curriculum instruction law and research IJER should thus be of interest to professional educators with decision making roles and policymakers at all levels turn since it provides a broad based conversation between and among policymakers practitioners and academicians about reform goals objectives and methods for success throughout the world Readers can call on IJER to learn from an international group of reform implementers by discovering what they can do that has actually worked IJER can also help readers to understand the pitfalls of current reforms in order to avoid making similar mistakes Finally it is the mission of IJER to help readers to learn about key issues in school reform from movers and shakers who help to study and shape the power base directing educational reform in the U S and the world

Mathematics 15 Years' Solved Papers For Jee Main & Advanced S. Chand Experts, Our experts have created Mathematics 15 Years Solved Papers for JEE Main and Advanced keeping in mind a distinct pattern emerging 2000 onwards and have covered all previous years questions from 2004 We have chosen solved questions from the year 2004 in order to apprise students of at least two years of subjective type numerical value questions asked in the IIT entrance exam

INTERMEDIATE I YEAR MATHS IA (Telugu Medium) TEST PAPERS Vikram Books,2014-11-17 Intermediate First Year MATHS I A Test papers Issued by Board of Intermediate Education w e f 2013 2014

(Free Sample) TARGET JEE Advanced 2023 - 10 Previous Year Solved Papers (2013 - 2022) & 5 Mock Tests Papers 1 & 2 - 17th Edition Disha Experts,2022-12-12 TARGET JEE Advanced 2022 Solved Papers 20013 2021 The book also provides 5 Mock tests for JEE Advanced along with detailed solutions designed on the latest pattern Paper 1 and Paper 2 The papers contain all the new variety of questions being asked in the new JEE Oswaal CBSE 10 Previous Years' Solved Papers, Yearwise (2013-2023) Science (PCM) English Core, Physics, Chemistry & Mathematics Class 12 Book (For 2024 Exam) Oswaal Editorial Board,2023-06-06 Description of the product 100% Updated with the Latest CBSE Board Paper 2023 Valuable Exam Insights with Out of Syllabus Questions highlighted 100% Exam readiness with Commonly Made Errors and Answering Tips Concept Clarity with Topper s and Board Marking Scheme Answers Crisp revision with Mind Maps and Revision Notes

TARGET JEE Advanced 2022 (Solved Papers 2013 - 2021 & 5 Mock Tests Papers 1 & 2) 16th Edition Disha Experts,2021-12-17 TARGET JEE Advanced 2022 Solved Papers 20013 2021 The book also provides 5 Mock tests for JEE Advanced along with detailed solutions designed on the latest

pattern Paper 1 and Paper 2 The papers contain all the new variety of questions being asked in the new JEE **Disha Combo (4 Books) 13 Years CBSE Class 12 Solved Physics, Chemistry, Mathematics & English Core Previous Year-wise Question Papers (2013 - 2025) 4th Edn | PYQs | 2026 CBSE Question Bank Class 12** , The latest updated 5th Edition of the books 13 Year CBSE Board Physics Chemistry Mathematics English Core Class 12 YEAR WISE Solved Papers 2013 2025 powered with Concept Notes is a must have book for aspirants who are looking for better score in CBSE exams The Books contain the Past 13 Years Authentic Solved papers of CBSE Board Class 12 including 1 set each of All India Delhi 2025 Exam In all the Books contain 25 Papers including the 2021 CBSE Sample Paper This paper has been included as this year the Board exams were cancelled The USP of the book is the inclusion of Concept Notes highlighting Tips Tricks Alternate solutions Points to Remember in various solutions The Notes will help the students in further revision of syllabus Trend Analysis of of last 6 Years is provided to understand Question trend Errorless Solutions with step by step marking scheme on the lines of CBSE Board and written in a way that any student can understand easily *Oswaal CBSE Class 12th 20 Combined Sample Question Papers Science Stream PCM (Physics, Chemistry, Maths, English Core) and 10 Previous Years' Solved Papers Yearwise (2013-2023) (Set of 2 Books) For 2024 Board Exams* Oswaal Editorial Board,2023-10-28 Description of the Product Comprehensive Coverage Covers all Major subjects Concise Crisp with Mind Maps Revision Notes Curriculum Alignment 4 5 sets of Sample Papers to stimulate exam pattern format 100% Updated with the Latest CBSE Board Paper 2023 Valuable Exam Insights with Out of Syllabus Questions highlighted 100% Exam readiness with Commonly Made Errors and Answering Tips Concept Clarity with Topper s and Board Marking Scheme Answers *44 Years IIT-JEE Mathematics Chapter Wise Solved Papers (1978-2021) by Career Point Kota* Career Point Kota,2020-07-14 Whenever a student decides to prepare for any examination her his first and foremost curiosity arises about the type of questions that he she has to face This becomes more important in the context of JEE Advanced where there is neck to neck race For this purpose we feel great pleasure to present this book before you We have made an attempt to provide 44 Years IIT JEE Mathematics chapter wise questions asked in IIT JEE JEE Advanced from 1978 to 2021 along with their solutions Features Topic wise collection of past JEE Advanced question papers 1978 2021 Each chapter divides the questions into categories as per the latest JEE Advanced pattern MCQ single correct answer MCQ with multiple correct answers Passage Based Assertion Reason Integer Answer Fill in the Blanks True False and Subjective Questions Solutions have been given with enough diagrams proper reasoning for better understanding Students must attempt these questions immediately after they complete unit in their class school home during their preparation Chapters 44 Years IIT JEE Mathematics Solved Papers 1978 2021 1 Logarithm and their Properties 2 Theory of Equations 3 Sequences Series 4 Complex Numbers 5 Permutation Combination 6 BinomialTheorem 7 Probability 8 Determinants 9 Matrices 10 Functions 11 Limits 12 Continuity Differentiability 13 Differentiation 14 Tangent Normal 15 Monotonicity 16 Maxima Minima 17 Indefinite Integration 18 Definite Integration 19

Area under the curve 20 Differential Equation 21 Point Straight Lines 22 Circle 23 Parabola 24 Ellipse 25 Hyperbola 26 Vectors 27 Three Dimensional Geometry 28 Trigonometric ratio Identities 29 Trigonometric Equations 30 Inverse Trigonometric Functions 31 Properties of Triangles 32 Height Distance 33 Mathematical Induction 34 Miscellaneous 35 Model Test Papers

Algorithms - ESA 2013 Hans L. Bodlaender, Giuseppe F. Italiano, 2013-08-16 This book constitutes the refereed proceedings of the 21st Annual European Symposium on Algorithms ESA 2013 held in Sophia Antipolis France in September 2013 in the context of the combined conference ALGO 2013 The 69 revised full papers presented were carefully reviewed and selected from 303 initial submissions 53 out of 229 in track Design and Analysis and 16 out of 74 in track Engineering and Applications The papers in this book present original research in all areas of algorithmic research including but not limited to algorithm engineering algorithmic aspects of networks algorithmic game theory approximation algorithms computational biology computational finance computational geometry combinatorial optimization data compression data structures databases and information retrieval distributed and parallel computing graph algorithms hierarchical memories heuristics and meta heuristics mathematical programming mobile computing on line algorithms parameterized complexity pattern matching quantum computing randomized algorithms scheduling and resource allocation problems streaming algorithms

Fuel your quest for knowledge with Authored by is thought-provoking masterpiece, Dive into the World of **Mathematics N3 Question Papers 2013** . This educational ebook, conveniently sized in PDF (*), is a gateway to personal growth and intellectual stimulation. Immerse yourself in the enriching content curated to cater to every eager mind. Download now and embark on a learning journey that promises to expand your horizons. .

https://staging.conocer.cide.edu/book/book-search/fetch.php/Interior_Colour_Combinations_Guide.pdf

Table of Contents Mathematics N3 Question Papers 2013

1. Understanding the eBook Mathematics N3 Question Papers 2013
 - The Rise of Digital Reading Mathematics N3 Question Papers 2013
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathematics N3 Question Papers 2013
 - 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 Mathematics N3 Question Papers 2013
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematics N3 Question Papers 2013
 - Personalized Recommendations
 - Mathematics N3 Question Papers 2013 User Reviews and Ratings
 - Mathematics N3 Question Papers 2013 and Bestseller Lists
5. Accessing Mathematics N3 Question Papers 2013 Free and Paid eBooks
 - Mathematics N3 Question Papers 2013 Public Domain eBooks
 - Mathematics N3 Question Papers 2013 eBook Subscription Services
 - Mathematics N3 Question Papers 2013 Budget-Friendly Options

6. Navigating Mathematics N3 Question Papers 2013 eBook Formats
 - ePub, PDF, MOBI, and More
 - Mathematics N3 Question Papers 2013 Compatibility with Devices
 - Mathematics N3 Question Papers 2013 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mathematics N3 Question Papers 2013
 - Highlighting and Note-Taking Mathematics N3 Question Papers 2013
 - Interactive Elements Mathematics N3 Question Papers 2013
8. Staying Engaged with Mathematics N3 Question Papers 2013
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mathematics N3 Question Papers 2013
9. Balancing eBooks and Physical Books Mathematics N3 Question Papers 2013
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mathematics N3 Question Papers 2013
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Mathematics N3 Question Papers 2013
 - Setting Reading Goals Mathematics N3 Question Papers 2013
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Mathematics N3 Question Papers 2013
 - Fact-Checking eBook Content of Mathematics N3 Question Papers 2013
 - 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

Mathematics N3 Question Papers 2013 Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Mathematics N3 Question Papers 2013 free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Mathematics N3 Question Papers 2013 free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Mathematics N3 Question Papers 2013 free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Mathematics N3 Question Papers 2013. In conclusion, the internet offers numerous platforms and websites that allow users to download free

PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Mathematics N3 Question Papers 2013 any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Mathematics N3 Question Papers 2013 Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Mathematics N3 Question Papers 2013 is one of the best book in our library for free trial. We provide copy of Mathematics N3 Question Papers 2013 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Mathematics N3 Question Papers 2013. Where to download Mathematics N3 Question Papers 2013 online for free? Are you looking for Mathematics N3 Question Papers 2013 PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Mathematics N3 Question Papers 2013. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Mathematics N3 Question Papers 2013 are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there

are specific sites catered to different product types or categories, brands or niches related with Mathematics N3 Question Papers 2013. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Mathematics N3 Question Papers 2013 To get started finding Mathematics N3 Question Papers 2013, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Mathematics N3 Question Papers 2013 So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Mathematics N3 Question Papers 2013. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Mathematics N3 Question Papers 2013, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Mathematics N3 Question Papers 2013 is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Mathematics N3 Question Papers 2013 is universally compatible with any devices to read.

Find Mathematics N3 Question Papers 2013 :

interior colour combinations guide

~~intermediate accounting sixth edition answer~~

intermediate accounting 9th canadian edition volume test bank

interference of waves review and reinforce

intermediate accounting 14th edition chapter 7 solutions

~~intermediate accounting 15th edition chap 23 solutions~~

interim assessment unit grade answers

interactions level 2 listening speaking student book

~~intermediate algebra 11th edition solutions manual bittinger~~

intermediate accounting sixth edition solutions

inter science paper 2 nov 2014 zimsec

inter-tel ip devices installation manual

international 7400 dt466 diagnostic manual

international 423 tractor manual

intermediate accounting ifrs edition volume chapter 17

Mathematics N3 Question Papers 2013 :

Carmina Burana Vocal Score Schott Softcover Carmina Burana Vocal Score Schott Softcover ; Composer: Carl Orff ; Arranger: Henning Brauel ; Price: 35.00 (US) ; Inventory: #HL 49004001 ; ISBN: 9783795753382 ... Carmina Burana (Vocal Score) (HL-49004001) Price: \$31.50 ... Piano reduction of the score with vocal parts. ... Length: 12.00 in. Width: 9.00 in. Series: Schott Format: ... Carmina Burana: Choral Score: Orff, Carl About the Score: As previously stated, this score contains Vocal Parts Only. With the exception of one or two movements, I found there was enough room to write ... Carmina Burana Score CARMINA BURANA COMPLETE VOCAL SCORE by Leonard Corporation, Hal (1991) Sheet music · 4.74.7 out of 5 stars (6) · Sheet music. \$39.99\$39.99. List: \$49.99\$49.99. Orff Carmina Burana Vocal Score Arranger: Henning Brauel Piano reduction of the score with vocal parts. Carmina Burana This choral score complements the hitherto available choral parts (ED 4920-01 and -02) presenting female and male voices in separate editions, as well as the ... Carmina Burana (Choral Score) (HL-49015666) Carmina Burana (Choral Score) - Featuring all new engravings, this publication includes the men's and women's choir parts together for the first time. Orff Carmina Burana Vocal Score The most popular vocal score for Orff's Carmina Burana is shown below. Rehearsal recordings to help learn your voice part (Soprano, Alto, Tenor ... Schott Carmina Burana (Vocal Score ... Schott Carmina Burana (Vocal Score) Vocal Score Composed by Carl Orff Arranged by Henning Brauel Standard ... Piano reduction of the score with vocal parts. Write ... Geoenvironmental Engineering: Site... by Sharma, Hari D. Geoenvironmental Engineering: Site Remediation, Waste Containment, and Emerging Waste Management Technologies. 1st Edition. ISBN-13: 978-0471215998, ISBN ... Geoenvironmental Engineering: Site Remediation, Waste ... Geoenvironmental Engineering covers the application of basic geological and hydrological science, including soil and rock mechanics and groundwater ... Geoenvironmental Engineering: Site Remediation, Waste ... This item: Geoenvironmental Engineering: Site Remediation, Waste Containment, and Emerging Waste Management Technologies. Integrated Environmental Modeling ... Geoenvironmental Engineering: Site Remediation, Waste ... Geo-Environmental Benign Characterization of Semi-Arid Soils - A study aimed at deriving potential. benefits from using locally available materials View project. Geoenvironmental Engineering: Site Remediation, Waste ... Geoenvironmental Engineering: Site Remediation, Waste Containment and Emerging Waste Management Technologies. January 2004. Edition: 1; Publisher: John Wiley ... Geoenvironmental Engineering: Site Remediation, Waste ... This comprehensive book brings together essential geotechnical knowledge and its applications to a host of common environmental problems and engineering. Geoenvironmental engineering : site remediation, waste ... Geoenvironmental engineering : site remediation, waste containment, and emerging waste

management technologies Available at Rush Rhees Library Rhees Stacks ... Geoenvironmental Engineering: Site Remediation, Waste ... May 20, 2004 — Dr. Hari D. Sharma is a civil and geo-environmental engineering expert turned author. He holds a Master's Degree in Business Administration and ... Geoenvironmental engineering: site remediation, waste ... Jun 15, 2004 — Geoenvironmental engineering: site remediation, waste containment, and emerging waste management technologies. by H D Sharma, K R Reddy (15 ... Site Remediation, Waste Containment & Emerging ... Geosyntec is a consulting and engineering firm that works with private and public sector clients to address new ventures and complex problems involving our ... Gizmo - Air Track - Name: Jan Louise Qutoriano Date Nov 1, 2021 — Gizmo Warm-up An air track is a device that helps scientists study motion. Air comes out of holes in the track, allowing the gliders to move ... Air Track Gizmo Answer Key With Activity A & B - Name Contains answers for the Air Track Gizmo online lab name: jaedon angelus date: student exploration: air track directions: follow the instructions to go ... Air Track Simulation | ExploreLearning Gizmos Explore this air track simulation with ExploreLearning Gizmos! Students adjust mass and velocity, measure velocity, momentum, and kinetic energy in ... Air Track Answer Key.pdf - Please Do Not Share joskul Explore: The Gizmo allows you to adjust the mass and initial velocity of each glider. Set up each of the following scenarios, and describe what happens when the ... Student Exploration: Air Track: Name: Akshat Date:12/15/20 Dec 15, 2020 — 1. On the Air Track Gizmo, click Play () to view a collision between the two gliders. What do you see? Both gliders come together and ... AirTrack Answers 1. Explore: The Gizmo allows you to adjust the mass and initial velocity of each glider. Set up each of the following scenarios, and describe what happens when ... Air-track-gizmo-answer-key-with-activity-a-b16.pdf - ... (1) On the Air Track Gizmo, after clicking on the ">" button, it's observed that : the two gliders collide with each - other, and then both travel back to ... Gizmos student exploration air track complete solution 100 ... Respond to the questions and prompts in the orange boxes. Vocabulary: air track, approach velocity, conservation of energy, conservation of momentum, elasticity ... Air Track Gizmos_ All answers correct_ 2021 - Stuvia Nov 18, 2021 — Respond to the questions and prompts in the orange boxes. Vocabulary: air track, approach velocity, conservation of energy, conservation of ... Air Track B and C | PDF | Collision | Kinetic Energy Approach velocity = separation velocity: $v_1 - v_2 = v_2' - v_1'$... then substitute this expression into the first equation.) ... check your answers. (The Gizmo cannot ...