

CIRCLES

LINES AND SEGMENTS THAT INTERSECT CIRCLES



A circle has a set of all points equidistant from the center.
 A chord is a segment with both endpoints on the circle.
 A diameter is a chord that passes through the center.
 A secant is a line that intersects a circle at two points.
 A tangent is a line that intersects a circle at exactly one point.

Two circles are coplanar circles that intersect at one point.
 Concentric circles are coplanar circles that share a common center.
 A common tangent is a line or segment that is tangent to two circles.

CIRCLES

LINES & SEGMENTS INTERSECTING CIRCLES

GEOMETRY
 GRADES 9-11

MATH
 by Jill B.

COMPLETE
 SOLUTION KEY

**EMERGENCY
 SUB
 MIN PREP**

Tangents of the circles
 If two circles are tangent to each other, there are

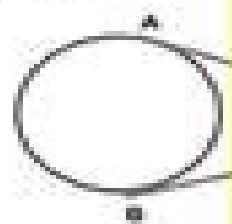


Question 2:
 If a line is tangent to the circle, find x .



Question 3:

Given that A , B , and C are collinear, find BC .



Solution 3:
 By External Tangent
 $AC = BC$

$$\begin{aligned} 2x^2 - 4x + 2 &= x^2 + 2x \\ x^2 - 6x + 2 &= 0 \\ x^2 - 6x + 2 &= 0 \\ (x-2)(x-4) &= 0 \end{aligned}$$

Since x is a length, therefore $x = 2$.

Lesson 11 1 Lines That Intersect Circles Answer Key

Sabine Zange



Lesson 11 1 Lines That Intersect Circles Answer Key:

Uncover the mysteries within is enigmatic creation, Embark on a Mystery with **Lesson 11 1 Lines That Intersect Circles Answer Key** . This downloadable ebook, shrouded in suspense, is available in a PDF format (Download in PDF: *). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

<https://splashdogs.com/book/Resources/Documents/Mercedes%20Benz%20W123%20280e%201976%201985%20Factory%20Repair%20Manual.pdf>

Table of Contents Lesson 11 1 Lines That Intersect Circles Answer Key

1. Understanding the eBook Lesson 11 1 Lines That Intersect Circles Answer Key
 - The Rise of Digital Reading Lesson 11 1 Lines That Intersect Circles Answer Key
 - Advantages of eBooks Over Traditional Books
2. Identifying Lesson 11 1 Lines That Intersect Circles Answer Key
 - 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 Lesson 11 1 Lines That Intersect Circles Answer Key
 - User-Friendly Interface
4. Exploring eBook Recommendations from Lesson 11 1 Lines That Intersect Circles Answer Key
 - Personalized Recommendations
 - Lesson 11 1 Lines That Intersect Circles Answer Key User Reviews and Ratings
 - Lesson 11 1 Lines That Intersect Circles Answer Key and Bestseller Lists
5. Accessing Lesson 11 1 Lines That Intersect Circles Answer Key Free and Paid eBooks
 - Lesson 11 1 Lines That Intersect Circles Answer Key Public Domain eBooks
 - Lesson 11 1 Lines That Intersect Circles Answer Key eBook Subscription Services
 - Lesson 11 1 Lines That Intersect Circles Answer Key Budget-Friendly Options

6. Navigating Lesson 11 1 Lines That Intersect Circles Answer Key eBook Formats
 - ePub, PDF, MOBI, and More
 - Lesson 11 1 Lines That Intersect Circles Answer Key Compatibility with Devices
 - Lesson 11 1 Lines That Intersect Circles Answer Key Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Lesson 11 1 Lines That Intersect Circles Answer Key
 - Highlighting and Note-Taking Lesson 11 1 Lines That Intersect Circles Answer Key
 - Interactive Elements Lesson 11 1 Lines That Intersect Circles Answer Key
8. Staying Engaged with Lesson 11 1 Lines That Intersect Circles Answer Key
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Lesson 11 1 Lines That Intersect Circles Answer Key
9. Balancing eBooks and Physical Books Lesson 11 1 Lines That Intersect Circles Answer Key
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Lesson 11 1 Lines That Intersect Circles Answer Key
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Lesson 11 1 Lines That Intersect Circles Answer Key
 - Setting Reading Goals Lesson 11 1 Lines That Intersect Circles Answer Key
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Lesson 11 1 Lines That Intersect Circles Answer Key
 - Fact-Checking eBook Content of Lesson 11 1 Lines That Intersect Circles Answer Key
 - 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

Lesson 11 1 Lines That Intersect Circles Answer Key Introduction

Lesson 11 1 Lines That Intersect Circles Answer Key Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Lesson 11 1 Lines That Intersect Circles Answer Key Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Lesson 11 1 Lines That Intersect Circles Answer Key : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Lesson 11 1 Lines That Intersect Circles Answer Key : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Lesson 11 1 Lines That Intersect Circles Answer Key Offers a diverse range of free eBooks across various genres. Lesson 11 1 Lines That Intersect Circles Answer Key Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Lesson 11 1 Lines That Intersect Circles Answer Key Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Lesson 11 1 Lines That Intersect Circles Answer Key, especially related to Lesson 11 1 Lines That Intersect Circles Answer Key, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Lesson 11 1 Lines That Intersect Circles Answer Key, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Lesson 11 1 Lines That Intersect Circles Answer Key books or magazines might include. Look for these in online stores or libraries. Remember that while Lesson 11 1 Lines That Intersect Circles Answer Key, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Lesson 11 1 Lines That Intersect Circles Answer Key eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Lesson 11 1 Lines That Intersect Circles Answer Key full book , it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Lesson 11 1 Lines That Intersect Circles Answer Key eBooks, including some popular titles.

FAQs About Lesson 11 1 Lines That Intersect Circles Answer Key Books

What is a Lesson 11 1 Lines That Intersect Circles Answer Key PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a Lesson 11 1 Lines That Intersect Circles Answer Key PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a Lesson 11 1 Lines That Intersect Circles Answer Key PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a Lesson 11 1 Lines That Intersect Circles Answer Key PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a Lesson 11 1 Lines That Intersect Circles Answer Key PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Lesson 11 1 Lines That Intersect Circles Answer Key :

[mercedes benz w123 280e 1976 1985 factory repair manual](#)

mercedes c230 c240 c280 c320 c350 c32 c55 parts manual

mercedes c25w2electrical wiring diagram

mercedes s 500 manual

mercedes sprinter 412d ficha tecnica

mercruiser 470 carburator drawings

mercedes manual guide

merciuser 525efi service manual

mercedes benz ml manual

mercedes w169 service manual

mercedes benz ml320 service manual

mercruiser 7 3 d tronic manual

mercedes cls 550 owners manual

mercedes gl 320 cdi manual

mercruiser 4 cylinder engine for sale

Lesson 11 1 Lines That Intersect Circles Answer Key :

tantric quest an encounter with absolute love paperback - Nov 11 2022

web amazon in buy tantric quest an encounter with absolute love book online at best prices in india on amazon in read tantric quest an encounter with absolute love book reviews author details and more at amazon in free delivery on qualified orders

tantric quest an encounter with absolute love daniel odier - Aug 08 2022

web the author reveals his passionate experiences with a female tantric master who taught him the suppressed practices of her ancient order in 1968 daniel odier left europe for the himalayas searching for a master who could help him go where texts and intellectual searching could no longer take him

tantric quest an encounter with absolute love amazon com - Aug 20 2023

web apr 1 1997 in 1968 daniel odier left europe for the himalayas searching for a master who could help him go where texts and intellectual searching could no longer take him he wanted everything the wisdom and spirituality gained from the life of an ascetic and the beauty love and sensuality of a life of passion

tantric quest by daniel odier ebook scribd - Jul 19 2023

web at times taking him beyond the limits of sexual experience at times threatening him with destruction she taught him what it is to truly be alive and to know the divine nature of absolute love this is the personal memoir of one of france s most honored writers

tantric quest an encounter with absolute love alibris - Mar 03 2022

web buy tantric quest an encounter with absolute love by daniel odier online at alibris we have new and used copies available in 1 editions starting at 3 91 shop now

tantric quest an encounter with absolute love goodreads - Jun 18 2023

web at times taking him beyond the limits of sexual experience at times threatening him with destruction she taught him what it is to truly be alive and to know the divine nature of absolute love this is the personal memoir of one of france s most honored writers

tantric quest an encounter with absolute love paperback - Dec 12 2022

web at times taking him beyond the limits of sexual experience at times threatening him with destruction she taught him what it is to truly be alive and to know the divine nature of absolute love this is the personal memoir of one of france s most honored writers

tantric quest on apple books - Oct 10 2022

web apr 1 1997 at times taking him beyond the limits of sexual experience at times threatening him with destruction she taught him what it is to truly be alive and to know the divine nature of absolute love this is the personal memoir of one of france s most honored writers

tantric quest encounter absolute abebooks - Apr 04 2022

web tantric quest an encounter with absolute love by daniel odier and a great selection of related books art and collectibles available now at abebooks co uk

tantric quest an encounter with absolute love by daniel odier - Jun 06 2022

web apr 1 1997 booktopia has tantric quest an encounter with absolute love by daniel odier buy a discounted paperback of tantric quest online from australia s leading online bookstore

tantric quest book by daniel odier simon schuster - Mar 15 2023

web tantric quest book by daniel odier official publisher page simon schuster about the book about the author product details raves and reviews resources and downloads tantric quest an encounter with absolute love by daniel odier trade paperback get a free ebook by joining our mailing list today

tantric quest an encounter with absolute love google play - Feb 14 2023

web tantric quest an encounter with absolute love ebook written by daniel odier read this book using google play books app on your pc android ios devices download for offline reading

tantric quest an encounter with absolute love paperback - Apr 16 2023

web apr 28 2000 buy tantric quest an encounter with absolute love original ed by odier daniel isbn 9780892816200 from

amazon s book store everyday low prices and free delivery on eligible orders

tantric quest an encounter with absolute love exotic india art - Feb 02 2022

web tantric quest an encounter with absolute love tantra daniel odier want 10 off plus free shipping and exclusive offers
enter your email address to make it happen go tantric quest an encounter with absolute love by daniel odier 32 free delivery
art of tantra tantricism and tantric tradition by kamal shankar srivasatava

tantric quest an encounter with absolute love paperback - Sep 09 2022

web apr 1 1997 the author reveals his passionate experiences with a female tantric master who taught him the suppressed practices of her ancient order in 1968 daniel

tantric quest an encounter with absolute love kindle edition - May 17 2023

web apr 1 1997 tantric quest an encounter with absolute love kindle edition by odier daniel download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading tantric quest an encounter with absolute love

tantric quest an encounter with absolute love thriftbooks - May 05 2022

web by daniel odier see customer reviews the author reveals his passionate experiences with a female tantric master who taught him the suppressed practices of her ancient order in 1968 daniel odier left europe for the himalayas searching for a master who could help him go where texts and intellectual searching could no longer take him

[tantric quest an encounter with absolute love google books](#) - Jan 13 2023

web apr 1 1997 the author reveals his passionate experiences with a female tantric master who taught him the suppressed practices of her ancient order in 1968 daniel odier left europe for the himalayas

tantric quest an encounter with absolute love overdrive - Jul 07 2022

web apr 1 1997 at times taking him beyond the limits of sexual experience at times threatening him with destruction she taught him what it is to truly be alive and to know the divine nature of absolute love this is the personal memoir of one of france s most honored writers

tantric quest an encounter with absolute love - Jan 01 2022

web apr 1 1997 tantric quest an encounter with absolute love by daniel odier 9780892816200 home self help sex tantric quest an encounter with absolute love author daniel odier format paperback publish date apr 01 1997 isbn 10 0892816201 isbn 13 9780892816200 list price 16 95

cross stitch motif series 6 kitchen 180 new cross stitch models - Jul 14 2023

web buy cross stitch motif series 6 kitchen 180 new cross stitch models by maria diaz isbn 9786055647421 from amazon s book store everyday low prices and free delivery on eligible orders

crochet kitchen set etsy - Jun 01 2022

web check out our crochet kitchen set selection for the very best in unique or custom handmade pieces from our crochet shops cross stitch coffee table decoration set of 6 hygge style rustic home pastel round mandalas gift for a new home 17 26 90 add to favorites crochet food set waffle with fruit play food set kitchen

knoxxhult gri 180 cm mutfak dolabı kombinasyonu ikea - Jul 02 2022

web knoxxhult mutfak dolabı kombinasyonu gri 180 cm lagan batarya 9 257 791 804 42 1028 56 x 9 ay a varan vade farksız taksit seçenekleri renk gri diğer fonksiyonlar Ölçü 180 cm ek bilgi lagan batarya stoğa gelince haber ver stokta yok mağaza stok durumunu kontrol et

kitchen 180 new cross stitch models diaz m amazon fr - Jan 08 2023

web the variety of culinary and food motifs in this collection will inspire cross stitchers to create designs using images of cakes tea cups a richly coloured spice sampler fruits and vegetables and other motifs to embellish tea towels napkins and table linens

cross stitch motif series 6 kitchen 180 new cross stitch models - Feb 26 2022

web sep 30 2021 cross stitch motif series 6 kitchen 180 new cross stitch models maria diaz like a sparrow through the heart like a sparrow 1 by aggy bird textbooks sep 30 2021 half faced alpha 4 4 the learner experience in moocs 2022 registration a d webster dominance and subjugation the big bounce

kitchen 180 new cross stitch models cross stitch kim salazar - Mar 30 2022

web for kitchen 180 new cross stitch models cross stitch and numerous book collections from fictions to scientific research in any way in the middle of them is this kitchen 180 new cross stitch models cross stitch that can be your partner creepy cross stitch lindsay swearingen 2021 09 28 cross stitch goes witchy with dark and

kitchen 180 new cross stitch models paperback amazon com au - Jun 13 2023

web the variety of culinary and food motifs in this collection will inspire cross stitchers to create designs using images of cakes tea cups a richly coloured spice sampler fruits and vegetables and other motifs to embellish tea towels napkins and table linens

kitchen 180 new cross stitch models global arts books - Oct 05 2022

web buy kitchen 180 new cross stitch models from global arts books professional online booksellers based in london fast shipping and get free uk delivery on orders over 20

kitchen 180 new cross stitch models bulkbooks com - Sep 04 2022

web buy kitchen 180 new cross stitch models by maria diaz in bulk at wholesale prices

cross stitch motif series 6 kitchen 180 new cross stitch models - Aug 15 2023

web dec 1 2014 cross stitch motif series 6 kitchen 180 new cross stitch models paperback december 1 2014 each title in the cross stitch motif series contains dozens of themed borders small and large images and samplers to inspire an endless array of stitching projects

kitchen 180 new cross stitch models by maria diaz booktopia - Dec 07 2022

web booktopia has kitchen 180 new cross stitch models by maria diaz buy a discounted paperback of kitchen online from australia s leading online bookstore flat rate shipping per order to au nz

cross stitch motif series 6 kitchen 180 new cross stitch models - Apr 30 2022

web cross stitch motif series 6 kitchen 180 new cross stitch models maria diaz gilbert sullivan illustrated lives of the great composers series opera synopses how to customize your car in a weekend carl caiati blitzkrieg armor camouflage markings 1939 1940 steven j zaloga mud crab aquaculture a practical manual fao fisheries

kitchen 180 new cross stitch models cross stitch motif 6 - May 12 2023

web dec 1 2014 amazon kitchen 180 new cross stitch models cross stitch motif 6 amazon
diaz maria

cross stitch motif series 6 kitchen 180 new cross stitch models - Jan 28 2022

web cross stitch motif series 6 kitchen 180 new cross stitch models maria diaz computational intelligence research frontiers jun wang gary g yen jacek m zurada mineral resources in oklahoma oklahoma geological survey bulletin no 42 john stowe redfield jesus center of christianity brennan r hill overview series environmental

pdf cross stitch motif series 6 kitchen 180 new cross stitch models - Apr 11 2023

web self publishing login to yumpu news login to yumpu publishing login to yumpu publishing

kitchen 180 new cross stitch models cross stitch motif 6 - Feb 09 2023

web kitchen 180 new cross stitch models cross stitch motif 6 band 6 diaz maria isbn 9786055647421 kostenloser versand für alle bücher mit versand und verkauf duch amazon

kitchen 180 new cross stitch models by maria diaz paperback - Nov 06 2022

web find many great new used options and get the best deals for kitchen 180 new cross stitch models by maria diaz paperback 2016 at the best online prices at ebay free delivery for many products

cross stitch motif series 6 kitchen 180 new cross stitch models - Mar 10 2023

web dec 1 2014 cross stitch motif series 6 kitchen 180 new cross stitch models diaz maria 9786055647421 books amazon ca
24 kitchen 10 temmuz 2023 tarihli yayın akışı habertürk - Dec 27 2021

web nov 18 2022 24 kitchen ekranlarında bugün neler var hangi program ve diziler hangi saatte yayınlanacak 24 kitchen günlük yayın akışı için şimdi tıklayın

cross stitch motif series 6 kitchen 180 new cross stitch models - Aug 03 2022

web buy cross stitch motif series 6 kitchen 180 new cross stitch models by maria diaz online at alibris we have new and used copies available in 1 editions starting at 13 56 shop now

teacher support gese guides trinity college london - Dec 30 2022

web teaching materials and classroom resources to help prepare students for the trinity college london gese 6 exams b1 of ce fr

trinity gese grade 1 worksheets mr greg s english cloud - Jun 23 2022

web exam guide gese exam information this essential booklet provides everything you need to know to prepare students for the exams at every level the exam format exam

learner support gese grade 1 3 trinity college - Mar 01 2023

web sample exam marks and rationales gese grades 10 12 disclaimer the sample exam materials in this document have been provided to assist teachers with the preparation of

trinity college london - Feb 17 2022

trinity college london gese 2 teaching resources efl - Apr 21 2022

trinity exams quality exam preparation materials breakout - Aug 26 2022

web trinity gese il trinity gese è un esame pratico non molto difficile da preparare e che verifica l utilizzo dell inglese in situazioni di vita quotidiana l esame trinity gese valuta

trinity gese my english school - Mar 21 2022

gese sample exam marks and rationales - Sep 26 2022

web teaching materials and classroom resources to help prepare students for the trinity college london gese 2 exam gese 2 revision and exam practice in this download

gese graded examinations in spoken english trinity - Jul 05 2023

web a new multi level series of exam preparation and practice material for trinity college london s graded examinations in spoken english gese product information

gese schemes of work trinity college london - Apr 02 2023

web sep 20 2021 in response to the situation created by covid 19 trinity has developed a digital alternative method of offering gese and ise speaking and listening exams

gese a perfect fit for any general english class trinity college - Oct 28 2022

web downloadable teaching resources to help prepare students for each of the trinity college london gese and ise exams

gese grades 1 3 initial stage resources trinity college london - Oct 08 2023

web gese grades 1 3 initial stage resources from exam information to sample videos and additional publisher resources for teachers adult and young learners select from the

guides gese grades 4 6 trinity college london - Jan 19 2022

gese and ise teaching resources efl materials - May 23 2022

web feb 15 2023 you can use the document to check off the requirements once you have covered them in class or as a handy reference for when you are read more

trinity college london gese 6 teaching resources efl - Jul 25 2022

web sign in the page you are trying to view is only available to registered users

trinity college london gese 3 teaching resources efl - Dec 18 2021

english language support resources trinity college - May 03 2023

web this site is dedicated to providing simple and effective classroom materials for teachers of trinity college london s gese and ise exams on our pages you will find easy to

gese schemes of work download trinity college - Jun 04 2023

web specification this detailed booklet provides everything you need to know to prepare students for the exams at every level including format content procedure timings

gese levels and resources trinity college london - Sep 07 2023

web gese levels and resources page language trinity offers a wide range of free english language exam preparation resources and teaching materials for each stage and grade

welcome to efl materials teaching materials for trinity gese - Nov 28 2022

web i made this booklet back in 2018 to give my students extra materials in preparation for the trinity gese grade 1 exam

trinity is an oral class that focuses on communicative

mapped materials trinity college london - Aug 06 2023

web english language support resources trinity offers a wide range of free english language exam preparation resources and teaching materials for each stage and grade including

trinity graded examinations in spoken english gese - Jan 31 2023

web trinity also runs the gese exams which are primarily a speaking test the gese exams and the ise speaking component follow a similar structure breakout english has worked