



**NATIONAL
SENIOR CERTIFICATE**

GRADE 11

NOVEMBER 2023

**MATHEMATICAL LITERACY P2
MARKING GUIDELINE**

MARKS: 100

Symbol	Explanation
M	Method
MA	Method with accuracy
CA	Consistent accuracy
RCA	Rounding consistent accuracy
A	Accuracy
C	Conversion
S	Simplification
SF	Correct substitution in a formula
J	Justification
O	Opinion/Example/Definition/Explanation/Justification/Verification
RT/RG/RM	Reading from a table/graph/map
P	Penalty, e.g. for no units, incorrect rounding off etc.
R	Rounding off
NPR	No penalty rounding or omitting units
AO	Answer only, full marks

This marking guideline consists of 9 pages.

Grade Math P2 November 2013 Memo

Siddappa N.Byrareddy



Grade Math P2 November 2013 Memo:

Discover tales of courage and bravery in Crafted by is empowering ebook, Unleash Courage in **Grade Math P2 November 2013 Memo** . In a downloadable PDF format (*), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

https://blog.gospelcrusade.org/data/publication/fetch.php/low_budget_way_to_create_ai_chatbot_for_business_without_paid_ads_batch49_1218.pdf

Table of Contents Grade Math P2 November 2013 Memo

1. Understanding the eBook Grade Math P2 November 2013 Memo
 - The Rise of Digital Reading Grade Math P2 November 2013 Memo
 - Advantages of eBooks Over Traditional Books
2. Identifying Grade Math P2 November 2013 Memo
 - 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 Grade Math P2 November 2013 Memo
 - User-Friendly Interface
4. Exploring eBook Recommendations from Grade Math P2 November 2013 Memo
 - Personalized Recommendations
 - Grade Math P2 November 2013 Memo User Reviews and Ratings
 - Grade Math P2 November 2013 Memo and Bestseller Lists
5. Accessing Grade Math P2 November 2013 Memo Free and Paid eBooks
 - Grade Math P2 November 2013 Memo Public Domain eBooks
 - Grade Math P2 November 2013 Memo eBook Subscription Services
 - Grade Math P2 November 2013 Memo Budget-Friendly Options

6. Navigating Grade Math P2 November 2013 Memo eBook Formats
 - ePub, PDF, MOBI, and More
 - Grade Math P2 November 2013 Memo Compatibility with Devices
 - Grade Math P2 November 2013 Memo Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Grade Math P2 November 2013 Memo
 - Highlighting and Note-Taking Grade Math P2 November 2013 Memo
 - Interactive Elements Grade Math P2 November 2013 Memo
8. Staying Engaged with Grade Math P2 November 2013 Memo
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Grade Math P2 November 2013 Memo
9. Balancing eBooks and Physical Books Grade Math P2 November 2013 Memo
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Grade Math P2 November 2013 Memo
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Grade Math P2 November 2013 Memo
 - Setting Reading Goals Grade Math P2 November 2013 Memo
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Grade Math P2 November 2013 Memo
 - Fact-Checking eBook Content of Grade Math P2 November 2013 Memo
 - 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

Grade Math P2 November 2013 Memo Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Grade Math P2 November 2013 Memo PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Grade Math P2 November 2013 Memo PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free

downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Grade Math P2 November 2013 Memo free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Grade Math P2 November 2013 Memo Books

What is a Grade Math P2 November 2013 Memo 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 Grade Math P2 November 2013 Memo 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 Grade Math P2 November 2013 Memo 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 Grade Math P2 November 2013 Memo PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobat's 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 Grade Math P2 November 2013 Memo 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 Grade Math P2 November 2013 Memo :

low budget way to create AI chatbot for business without paid ads BATCH49-1218

~~proven strategy to build AI automation agency in the United States BATCH49-2287~~

low budget way to use AI for lead generation organically BATCH49-2082

~~free way to create online course using AI with free tools BATCH49-968~~

~~easy method to make money with AI tools in 2026 BATCH49-1839~~

how to build AI automation agency that actually works BATCH49-1309

~~easy method to automate business with AI without paid ads BATCH49-2436~~

~~how to grow email list using AI organically BATCH49-994~~

~~complete beginner guide to offer AI services to clients step by step BATCH49-1968~~

~~step by step guide to automate dropshipping with AI with free tools BATCH49-707~~

~~affordable way to create online course using AI that actually works BATCH49-91~~

without experience how to rank website using AI SEO tools organically BATCH49-2076

easy method to use AI for TikTok growth in 2026 BATCH49-2000

how to use AI for local SEO step by step BATCH49-1044

free way to launch AI agency in the United States BATCH49-2209

Grade Math P2 November 2013 Memo :

quimica organica 5 ed morrison robert - Jan 30 2023

web quimica organica 5 ed morrison robert thornton boyd robert neilson añadir comentario compartir contenido

fundamentos estructura y propiedades metano alcanos estereoisómeros halogenuros de alquilo función del disolvente

alquenos reacciones del doble enlace carbono carbono estereoquímica conjugación y

quimica organica morrison boyd mercadolibre - May 22 2022

web el envío gratis está sujeto al peso precio y la distancia del envío envíos gratis en el día comprá química organica morrison boyd en cuotas sin interés conocé nuestras increíbles ofertas y promociones en millones de productos

química orgánica morrison boyd 5ed pdf - Sep 06 2023

web dec 14 2014 1 yboyd quinta edición s orgánica 2 as copyrighted material 3 química orgánica quinta edición robert thornton morrison robert neilson boyd new york university

química orgánica 5ª edición morrison y boyd rincón médico - Apr 01 2023

web aug 24 2020 book title química orgánica book author robert thornton morrison robert neilson boyd book edition 5ª book format ebook date published 1998 illustrator addison wesley iberoamericana isbn 968 444 340 4 number of pages 1508 *química organica 5b edicion spanish edition amazon com* - May 02 2023

web química organica 5b edicion spanish edition tapa blanda 1 enero 2013 química organica 5b edicion spanish edition tapa blanda 1 enero 2013 edición en español de robert thornton boyd robert neilson morrison author 4 4 15 calificaciones ver todos los formatos y ediciones

química organica 5b edicion spanish edition amazon com - Jun 22 2022

web jan 1 2013 química organica 5b edicion spanish edition boyd robert neilson morrison robert thornton on amazon com free shipping on qualifying offers química organica 5b edicion spanish edition la quinta edición se escribió para reflejar en la medida de lo posible las actuales

solucionario química orgánica morrison boyd 5ed - Feb 16 2022

web programmable controllers theory and implementationn second editionn felipe de jesús díez free pdf solucionario libro luis sandoval free pdf boylestad bullet nashelsky julio palomo free pdf *morrison r boyd r química organica 2 ed academia edu* - Mar 20 2022

web morrison r boyd r química organica 2 ed by diêgo vinicius see full pdf download pdf see full pdf download pdf loading preview morrison r boyd r química organica 2 ed

química organica morrison boyd free download borrow and - Jun 03 2023

web apr 30 2019 química organica morrison boyd topics ciencias básicas collection opensource química organica addeddate 2019 04 30 20 35 15 identifier

química organica de morrison boyd iberlibro - Jul 24 2022

web química orgánica morrison y boyd publicado por addison wesley iberoamericana 1987 isbn 10 9688580430 isbn 13 9789688580431 librería tik books me madrid españa valoración del vendedor contactar al vendedor libro antiguo o usado tapa dura condición aceptable eur 14 00

química organica de morrison boyd libros iberlibro - Aug 25 2022

web cantidad disponible 1 añadir al carrito boston 1973 editado fondo educativo interamericano s a cartón editorial putos de óxido en cortes nombre del anterior propietario en la portada ilustrado con algunos dibujos explicativos en b n marcas de celo en guardas 1291pp 24 5x17cm estado normal física y química química orgánica

química orgánica robert thornton morrison robert neilson boyd - Nov 27 2022

web química orgánica robert thornton morrison robert neilson boyd pearson educación 1998 science 1520 pages en esta nueva los autores reorganizaron el material y agregaron nueva

química orgánica robert t morrison robert n boyd 5ta - Feb 28 2023

web descargar libro en pdf ebooks solucionario de química orgánica robert t morrison robert n boyd 5ta edición libros gratis en pdf de química orgánica

química orgánica morrison y boyd 5ta edición pdf google drive - Oct 07 2023

web química orgánica morrison y boyd 5ta edición pdf química orgánica morrison y boyd 5ta edición pdf sign in details

química orgánica de morrison y boyd iberlibro - Apr 20 2022

web libro química orgánica morrison y boyd quinta edición 1998 morrison y boyd año de publicación 1998

química orgánica robert thornton morrison robert neilson boyd 5ta - Jul 04 2023

web química orgánica robert thornton morrison robert neilson boyd 5ta edición al preparar esta quinta edición la hemos reordenado y reescrito hemos añadido material nuevo y eliminado otro antiguo clarificando temas difíciles y actualizando el tratamiento

química orgánica morrison boyd quinta edición - Sep 25 2022

web química orgánica autor morrison boyd edición 5ta edición descripción la química es una rama de las ciencias naturales que se ocupa del estudio de la estructura de la materia las transformaciones o reacciones que tienen lugar en ella las propiedades físicas y químicas de las sustancias y la energía en relación con dichas

libro química orgánica edición 5ta morrison y boyd en pdf - Aug 05 2023

web edición 5ta morrison y boyd en pdf este es el libro química orgánica edición 5ta en formato pdf escrito por robert thornton morrison robert neilson boyd publicado editorial pearson eddison wesley 1999 químico está determinado por la estructura molecular

química orgánica 5 edic sin coleccion morrison y boyd - Oct 27 2022

web vender en amazon pasa el ratón por encima de la imagen para ampliarla química orgánica 5 edic sin coleccion tapa blanda 1 enero 2001 de morrison y boyd addison wesley autor 4 4 15 valoraciones ver todos los formatos y ediciones

química orgánica morrison boyd yboyd quinta - Dec 29 2022

web química orgánica morrison boyd libro de química orgánica universidad instituto politécnico nacional materia quinta

edición s orgánica as versión cu español de la obra titulada organic chemistry fifth edition de roben thornton morrison y roben neilson boyd publicada originalmente en inglés por all g t n and bacon inc

history of the bathing machine photos facts apartment therapy - Jan 30 2023

web jun 1 2016 here s how it worked the bathing machine was a little hut on wheels with entrances on either side a swimmer would enter the bathing machine while it was parked on the beach and change into their bathing suit then the bathing machine would be dragged out into deeper water either by horse or human power

bathing machine definition and meaning collins english dictionary - Jun 22 2022

web bathing machine definition a small hut on wheels so that it could be pulled to the sea used in the 18th and 19th meaning pronunciation translations and examples

bathroom plan templates smartdraw - Jul 24 2022

web browse bathroom plan templates and examples you can make with smartdraw

home scarborough museums and galleries - Dec 29 2022

web bathing machine take a look at the striped bathing huts in this painting by charles wyne nicholls 1867 you will need white card paper colouring pens pencils or paints using this template cut out wheels onto card or cardboard even an old cereal box would do stick wheels to side of model like this colour in cut out along

990 bathing machine illustrations royalty free vector istock - May 02 2023

web 990 bathing machine illustrations royalty free vector graphics clip art istock choose from bathing machine stock illustrations from istock find high quality royalty free vector images that you won t find anywhere else video back videos home signature collection essentials collection trending searches video he is risen easter religious

bathroom floor plan examples templates edraw software - Oct 27 2022

web a bathroom floor plan is a 2d schematic drawing that visually represents the structure plumbing system and bathroom layout using specific floor plan symbols bathroom templates are mainly used to create a detailed floor plan of a bathroom with components such as the sink toilet cabinets and shower edrawmax gives you free bathroom

bathing machine definition meaning synonyms - May 22 2022

web oct 27 2023 bathing machine 1 n a building containing dressing rooms for bathers synonyms bathhouse type of building edifice a structure that has a roof and walls and stands more or less permanently in one place

bathing machines going swimming in a wagon all that s - Sep 25 2022

web may 4 2016 essentially mobile dressing rooms these bathing machines took women to and from the shore providing them cover while they dipped their toes in the water in full swim dress of course southport iron pier in the 1860s the 3 600 foot structure is considered to be the first of britain s pleasure piers photo sspl getty images

swimming pool cleaning templates templatemonster - Aug 25 2022

web pool maintenance website template by wt give your website a brand new look with this pro designed theme it comes loaded with a variety of features and effects like a minimalist layout video background hover effects full screen sales 39 support 3 2 5 63

what was a victorian bathing machine history hit - Nov 27 2022

web mar 2 2022 bathing machines were wooden carts about 6 feet high and 8 feet wide with a peaked roof and a door or canvas cover on either side it could only be entered through a step ladder and normally contained a bench and a lined container for wet clothes there was normally an opening in the roof to allow some light in
animated objects how to make a victorian bathing machine - Aug 05 2023

web apr 26 2021 from our victorian scarborough workshop suitable for ks2

[victoria s bathing machine teaching resources](#) - Jun 03 2023

web dec 29 2022 includes tools for children to design their own bathing machine sequence plan and write their own story these lessons ensure children are hitting all targets for year 2 grammar including expanding noun phrases commas in a list and good vocabulary

[bathing machine sentence examples lengusa](#) - Feb 16 2022

web bathing machine in a sentence bathing machine sentence examples lengusa bathhouse sentence examples for bathing machine from high quality english sources it s in a victorian style sea bathing machine and aims to promote the health benefits of sea swimming all year round timeout

3 top bathing machine teaching resources curated for you - Apr 01 2023

web explore more than 3 bathing machine resources for teachers parents and pupils as well as related resources on queen victoria bathing machine help instant access to inspirational lesson plans schemes of work assessment interactive activities resource packs powerpoints teaching ideas at twinkl

71 top bathing machine template teaching resources curated - Jul 04 2023

web instant access to inspirational lesson plans schemes of work assessment interactive activities resource packs powerpoints teaching ideas at twinkl

examples of bathing machine in a sentence collins online - Mar 20 2022

web beach standards have become impossibly high since the days when most sins of the flesh could be concealed inside a bathing machine

bathing machine wikipedia - Feb 28 2023

web the bathing machine was a device popular from the 18th century until the early 20th century to allow people at beaches

to change out of their usual clothes change into swimwear and wade in the ocean bathing machines were roofed and walled wooden carts that rolled into the sea

seaside holidays activity 2 design a victorian bathing machine - Oct 07 2023

web design a victorian bathing machine the children create their sketch designs based upon these they construct working scale model bathing machines using a range of everyday recycled materials and craft supplies including cardboard string glue and paint entries are judged with prizes given for the best examples

washing machine templates free graphic design template - Apr 20 2022

web edit and download washing machine design templates free vistacreate choose and customize graphic templates online modern and awesome templates

81 top bathing machine template teaching resources curated - Sep 06 2023

web instant access to inspirational lesson plans schemes of work assessment interactive activities resource packs powerpoints teaching ideas and more at twinkl

a journey into adaptation with max axiom super scientist - Oct 24 2021

a journey into adaptation with max axiom super scientist - Mar 09 2023

web jun 1 2016 a journey into adaptation with max axiom super scientist graphic science biskup agnieszka jòzefina kelleher michael schulz barbara martin

[a journey into adaptation with max axiom super scientist 4d](#) - Jan 07 2023

web agnieszka jzefina biskup join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to

a journey into adaptation with max axiom super - Nov 05 2022

web jun 1 2016 graphic stem adventures with max axiom includes more than 35 science and engineering experiments activities and projects hosted by super scientist max

a journey into adaptation with max axiom super scientist - Oct 04 2022

web feb 1 2019 a journey into adaptation with max axiom super scientist by agnieszka jòzefina biskup michael kelleher barbara schulz feb 01 2019 capstone press

a journey into adaptation with max axiom super scientist max - Sep 22 2021

a journey into adaptation with max axiom super scientist 4d - Aug 14 2023

web join max axiom as he explores the science behind animal adaptation max helps young readers understand why

adaptation is important to survival these newly revised

a journey into adaptation with max axiom super scientist - Sep 03 2022

web in graphic novel format follows the adventures of max axiom as he explains the science behind adaptation provided by publisher includes bibliographical references

[a journey into adaptation with max axiom super scientist](#) - Feb 25 2022

web maxim is a young muscovite who journeys from russia to the south of france to visit his mother in her home amidst the lofty mountains of montagne sainte victoire he finds her

[a journey into adaptation with max axiom super scientist](#) - Aug 02 2022

web mar 28 2020 join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival

a journey into adaptation with max axiom super scientist - Jul 01 2022

web jan 1 2007 read 4 reviews from the world s largest community for readers a digital solution for your classroom with features created with teachers and students in mi a

a journey into adaptation with max axiom super scientist 4d - Jun 12 2023

web jan 1 2019 join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival these newly

[a journey into adaptation with max axiom super](#) - Feb 08 2023

web a journey into adaptation with max axiom super scientist 4d an augmented reading science experience by agnieszka biskup cynthia martin nook book nook kids

[a journey into adaptation with max axiom super scientist](#) - Mar 29 2022

web we would like to show you a description here but the site won t allow us

[journey into the beyond 1975 imdb](#) - Nov 24 2021

web aug 1 2007 a journey into adaptation with max axiom super scientist max axiom super scientist audio biskup agnieszka martin cynthia schulz barbara on

a journey into adaptation with max axiom super scientist - Jul 13 2023

web join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival these newly revised

a journey into adaptation with max axiom super scientist - May 11 2023

web sep 1 2019 join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival these newly

a journey into adaptation with max axiom super scientist - Apr 29 2022

web jun 1 2016 follows the adventures of max axiom as he explains the science behind animal adaptation written in graphic novel format

overdrive - Jan 27 2022

web nov 14 1975 a minor bad taste classic journey into the beyond was one of the first shock documentaries directed by rolf olsen a journeyman director whose work includes

a journey into adaptation with max axiom super scientist - May 31 2022

web a digital solution for your classroom with features created with teachers and students in mind perpetual license 24 hour 7 days a week access no limit to the number of

journey to the mother movie moviefone - Dec 26 2021

web join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival these newly revised

journey into adaptation with max axiom super - Dec 06 2022

web a journey into adaptation with max axiom super scientist authors agnieszka biskup cynthia martin illustrator barbara schulz illustrator summary in graphic novel

a journey into adaptation with max axiom super - Apr 10 2023

web join max axiom as he explores the science behind animal adaptation max helps young readers understand why adaptation is important to survival these newly revised