Study Guide Term 3 Chemistry Chemical Bonding



Study guide for grade 9 Unit 2 - Chemical bonding - Monday June 10th.

key concepts and prepare for assessments - Worksheets and other resources are attached on MB.

- Definition of chemical bonding
- Importance of chemical bonding in understanding the properties of matter
- · Formation of ions
- Definition, properties, examples of ionic bonding
- Definition, properties, examples of covalent bonding
- Definition, properties, examples of metallic bonding
- · Losing, gaining, and sharing of electrons.
- Naming ionic compounds with mono and polyatomic ions, and transition metals, naming molecular compounds.
- Electron dot diagram, rules for bonding, octet, and duet rules.
- Introduction to Lewis structures, rules for drawing Lewis structures. Examples of Lewis structures for simple molecules and ions

Practice problems: Extra worksheet.

they have 8 electrons in their valence shell.

Manage bac under "End of year exam Chemistry".

Review questions.

 A list of review questions covering key concepts from each section to help students gauge their understanding in files on Manage Bac under task "End of year exam Chemistry".

Chemical bonding is the process by which atoms form chemical compounds by sharing or transferring electrons. Understanding chemical bonding is crucial in chemistry, as it explains the stability and reactivity of different substances.

Why do atoms lose, gain or share electrons (why do atoms bond)? to become more stable.

Duet Rule

The duet rule states that atoms of hydrogen (H) and helium (He) are most stable when they have 2 electrons in their valence shell.

Octet

The octet rule states that atoms, other than hydrogen and helium, are most stable when

Determine whether the following atoms have a stable duet or octet configuration: a)Lithium(Li) b)Neon(Ne) c) Fluorine (F)

Key Study Guide Grade 9

Julie Ledbetter



Embark on a breathtaking journey through nature and adventure with Crafted by is mesmerizing ebook, **Key Study Guide Grade 9**. This immersive experience, available for download in a PDF format (*), transports you to the heart of natural marvels and thrilling escapades. Download now and let the adventure begin!

http://www.armchairempire.com/book/Resources/Download PDFS/java%208%20the%20fundamentals.pdf

Table of Contents Key Study Guide Grade 9

- 1. Understanding the eBook Key Study Guide Grade 9
 - o The Rise of Digital Reading Key Study Guide Grade 9
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Key Study Guide Grade 9
 - 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 Key Study Guide Grade 9
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Key Study Guide Grade 9
 - Personalized Recommendations
 - Key Study Guide Grade 9 User Reviews and Ratings
 - Key Study Guide Grade 9 and Bestseller Lists
- 5. Accessing Key Study Guide Grade 9 Free and Paid eBooks
 - Key Study Guide Grade 9 Public Domain eBooks
 - Key Study Guide Grade 9 eBook Subscription Services
 - Key Study Guide Grade 9 Budget-Friendly Options
- 6. Navigating Key Study Guide Grade 9 eBook Formats

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

Key Study Guide Grade 9 Introduction

In the digital age, access to information has become easier than ever before. The ability to download Key Study Guide Grade 9 has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Key Study Guide Grade 9 has opened up a world of possibilities. Downloading Key Study Guide Grade 9 provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the costeffective nature of downloading Key Study Guide Grade 9 has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Key Study Guide Grade 9. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Key Study Guide Grade 9. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Key Study Guide Grade 9, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Key Study Guide Grade 9 has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Key Study Guide Grade 9 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, guizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Key Study Guide Grade 9 is one of the best book in our library for free trial. We provide copy of Key Study Guide Grade 9 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Key Study Guide Grade 9. Where to download Key Study Guide Grade 9 online for free? Are you looking for Key Study Guide Grade 9 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 Key Study Guide Grade 9. 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 Key Study Guide Grade 9 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 Key Study Guide Grade 9. 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 Key Study Guide Grade 9 To get started finding Key Study Guide Grade 9, 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 Key Study Guide Grade 9 So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading

Key Study Guide Grade 9. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Key Study Guide Grade 9, 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. Key Study Guide Grade 9 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, Key Study Guide Grade 9 is universally compatible with any devices to read.

Find Key Study Guide Grade 9:

java 8 the fundamentals
jane eyre saddlebacks illustrated classics
jaguar xk & xkr 1996 2005 the essential buyers guide
jaguar xk instruction manual
janes pocket book military transport and training aircraft
jakarta senin wage 20 maret 1978
jai soumise pour premi re fois ebook

jane austen une po tique diff rend japanese language proficiency test mock test grade 3 1st korean edition james hall solution manual

janome sewing machine repair manual qc6260

jaguar xj s 3 6 service repair manual

jandy aqualink rs manual

japans financial crisis institutional rigidity and reluctant change princeton paperbacks

jai sri ganesh illustration elephant headed

Key Study Guide Grade 9:

college algebra essentials 6th edition blitzer bartleby - Nov 30 2022

web textbook solutions for college algebra essentials 6th edition blitzer and others in this series view step by step homework solutions for your homework ask our subject experts for help answering any of your homework questions college algebra essentials 6th edition textbook solutions bartleby

textbook answers gradesaver - Feb 19 2022

web college algebra 6th edition blitzer robert f publisher pearson isbn 978 0 32178 228 1

college algebra 6th edition solutions studysoup - Apr 04 2023

web verified textbook solutions need answers to college algebra 6th edition published by pearson get help now with immediate access to step by step textbook answers solve your toughest math problems now with studysoup intermediate algebra for college students 6th edition quizlet - Mar 03 2023

web find step by step solutions and answers to intermediate algebra for college students 9780321758934 as well as thousands of textbooks so you can move forward with confidence

algebra and trigonometry 6th edition solutions and answers quizlet - Jun 06 2023

web find step by step solutions and answers to algebra and trigonometry 9780134463216 as well as thousands of textbooks so you can move forward with confidence

college algebra 6th edition textbook solutions bartleby - Jan 01 2023

web mark dugopolski publisher pearson isbn 9780321916600 view more textbook editions solutions for college algebra 6th edition view samples chapter section problem 1ft true or false explain zero is the only number that is both rational and irrational problem 2ft true or false explain

algebra and trigonometry 6th edition solutions course hero - Sep 28 2022

web math algebra and trigonometry 6th edition course hero verified solutions and explanations chapter p prerequisites fundamental concepts of algebra chapter 1 equations and inequalities chapter 2 functions and graphs chapter 3 polynomial and rational functions chapter 4 exponetial and logarithmic functions chapter 5

solutions for college algebra 6th by robert blitzer numerade - Aug 28 2022

web solutions for college algebra 6th robert blitzer get access to all of the answers and step by step video explanations to this book and 5 000 more try numerade free join free today chapters 0 prerequisites fundamental concepts of algebra 6 sections 831 questions 2 more 1 equations and inequalities 7 sections 869 questions 2 more

blitzer college algebra 9780321782281 exercise 17 quizlet - Jun 25 2022

web find step by step solutions and answers to exercise 17 from blitzer college algebra 9780321782281 as well as thousands of textbooks so you can move forward with confidence

<u>college algebra 6th edition chapter p gradesaver</u> - Jul 07 2023

web college algebra 6th edition answers to chapter p prerequisites fundamental concepts of algebra concept and vocabulary check page 16 1 including work step by step written by community members like you textbook authors blitzer robert f isbn 10 0 32178 228 3 isbn 13 978 0 32178 228 1 publisher pearson

college algebra 6th edition solutions and answers guizlet - Oct 10 2023

web find step by step solutions and answers to college algebra 9780321782281 as well as thousands of textbooks so you can move forward with confidence

college algebra robert f blitzer google books - Apr 23 2022

web jan 9 2017 for courses in college algebra show students that our world is profoundly mathematical bob blitzer continues to inspire students with his engaging approach to mathematics making this beloved series the 1 in the market year after year blitzer draws on his unique background in mathematics and behavioral science to present a wide

blitzer algebra and trigonometry 6th edition textbook solutions - May 05 2023

web this problem has been solved problem 1mce chapter chp problem 1mce step by step solution step 1 of 3 consider the expression the objective is to find the product of the expression step 2 of 3 multiply the above two binomials use the foil method

isbn 9780136804871 college algebra essentials 6th edition - Mar 23 2022

web edition 6th sixth 6e reviews find in library searching bookstores for the lowest price ebook find 9780136804871 college algebra essentials 6th edition by robert blitzer at over 30 bookstores buy rent or sell college algebra 6th edition chapter 8 gradesaver - Feb 02 2023

web answer work step by step the number of ways to select the second sentence any of them can be apart from the last and the already selected first sentence the number of ways to select the third sentence any of them can be apart from the last and the already selected first and second sentence

precalculus 6th edition blitzer chapter p section p 1 algebraic - Jul 27 2022

web published by pearson isbn 10 0 13446 914 3 isbn 13 978 0 13446 914 0 chapter p section p 1 algebraic expressions mathematical models and real numbers concept and vocabulary check page 16 1 answer expression work step by step college algebra essentials 6th edition etextbook subscription - May 25 2022

web college algebra essentials 6th edition blitzer's unique background in mathematics and behavioral science presents readers with a wide range of applications drawn from pop culture and up to date references that appeal to students of algebra and trigonometry 6th edition robert f blitzer - Sep 09 2023

web trigonometry textbook solutions for algebra and trigonometry 6th edition 6th edition robert f blitzer and others in this series view step by step homework solutions for your homework ask our subject experts for help answering any of your homework questions

algebra and trigonometry 6th edition textbook solutions chegg - Oct 30 2022

web step by step solution step 1 of 1 if are integers and then the ratio or the fraction represents a rational number so a real

number is a rational number if it can be written as a fractional form example is a rational number because 1 5 can be written as a fraction

college algebra 6th edition textbook solutions chegg com - Aug 08 2023

web our interactive player makes it easy to find solutions to college algebra 6th edition problems you re working on just go to the chapter for your book hit a particularly tricky question bookmark it to easily review again before an exam

delirium tv movie 2014 full cast crew imdb - Oct 19 2022

web feb 1 2011 lauren oliver is the author of the teen novels before i fall and panic and the delirium trilogy delirium pandemonium and requiem which have been translated

delirium oliver lauren 1982 free download borrow and - Mar 24 2023

web feb 3 2011 the first book in lauren oliver s new york times bestselling trilogy about forbidden love revolution and the power to choose now with a brand new cover and an

delirium lauren oliver google books - Dec 21 2022

web delirium series by lauren oliver 2023 goodreads inc follows lena and alex two teens battling against the controlling government that believes that love is a disease and

lauren oliver movies tv and bio amazon com - Feb 11 2022

web there was a time when love was the most important thing in the world people would go to the end of the earth to find it they would tell lies for it even k

delirium delirium 1 by lauren oliver goodreads - Feb 23 2023

web feb 3 2011 delirium lauren oliver harpercollins feb 6 2012 juvenile fiction 480 pages lauren oliver s powerful new york times bestselling novel delirium the first in

delirium by lauren oliver books on google play - Jul 16 2022

web aug 2 2011 delirium delirium series book 1 kindle edition the first book in lauren oliver s new york times bestselling trilogy about forbidden love revolution and the

delirium by lauren oliver - Aug 17 2022

web arrow forward the first book in lauren oliver s new york times bestselling trilogy about forbidden love revolution and the power to choose in an alternate united states love

delirium oliver lauren 1982 free download - Jun 27 2023

web mar 1 2013 delirium un film di una cura contro l'amore con emma roberts fantascienza usa 2013 una serie tv basata sul romanzo fantascientifico di lauren

delirium series the complete 4 books collection box set by - Mar 12 2022

web it debuted at the sundance film festival in 2017 garnering a wide release from open road films that year her other ya novels include the delirium trilogy delirium

delirium lauren oliver google books - Jan 22 2023

web aug 2 2011 the first book in lauren oliver s new york times bestselling trilogy about forbidden love revolution and the power to choose in an alternate united states love

delirium series by lauren oliver goodreads - Nov 20 2022

web delirium tv movie 2014 cast and crew credits including actors actresses directors writers and more

pdf epub alex delirium 1 1 download oceanofpdf - Dec 09 2021

web feb 26 2016 lauren oliver uses this irony to demonstrate how loose the government is and how the government doesn t even know who is helping their cause the type of

delirium by lauren oliver book trailer youtube - Jan 10 2022

web oct 13 2019 this captivating digital original story set in the world of lauren oliver s new york times bestselling delirium series focuses on alex lena s first love when alex

delirium kirkus reviews - Apr 13 2022

web jun 3 2014 lauren oliver s powerful new york times bestselling dystopian trilogy presents a world as terrifying as george orwell s 1984 and a romance as true as romeo

delirium by lauren oliver open library - Apr 25 2023

web language english 441 29 pages 20 cm lena looks forward to receiving the government mandated cure that prevents the delirium of love and leads to a safe predictable and

delirium by lauren oliver audiobooks on google play - May 14 2022

web feb 1 2011 by lauren oliver release date feb 1 2011 oliver s artfully detailed prose reveals brick by brick the sturdy dramatic foundation of an initially implausible

delirium serie tv 2013 mymovies it - May 26 2023

web dec 10 2022 the first book in lauren oliver s new york times bestselling trilogy about forbidden love revolution and the power to choose in an alternate united states love

amazon com delirium delirium series book 1 ebook oliver - Jun 15 2022

web lauren oliver s powerful new york times bestselling novel delirium the first in a dystopian trilogy presents a world as terrifying as george orwell s 1984 and a romance

delirium oliver novel wikipedia - Jul 28 2023

delirium is a dystopian young adult novel written by lauren oliver published on january 1 2011 by harpercollins harperteen

the story focuses on a young woman lena haloway who falls in love in a society where love is seen as a disease delirium is the first novel in a trilogy followed by pandemonium and requiem

delirium la trilogia by lauren oliver goodreads - Aug 29 2023

web oct 8 2015 in un unico volume la trilogia completa che contiene i titoli delirium chaos e requiem nel futuro in cui vive lena l amore è una malattia causa presunta di guerre

delirium lauren oliver google books - Sep 18 2022

web lena holoway has always looked forward to the day when she ll be cured a life without love is a life without pain safe measured predictable and happy but with ninety five days

delirium by lauren oliver by hannah peters prezi - Nov 08 2021

free download chemistry 4th edition by allan blackman - Jan 16 2022

web lanthanide and actinide chemistry 2nd edition is a one volume account of the lanthanides including scandium and vttrium the actinides and the transactinide

chemistry core concepts 2nd edition wiley - Jul 02 2023

web chemistry 2nd edition home browse by chapter browse by chapter browse by resource more information more information title home on

chemistry core concepts 2nd edition wiley - Aug 23 2022

web wileys landmark food chemistry textbook that provides an all in one reference book revised and updated the revised second edition of the chemistry of food provides a

chemistry core concepts 2nd edition vitalsource - Nov 13 2021

web chemistry 4th edition continues the substantial commitment of wiley to chemistry education in australia and new zealand by providing the appropriate mix of organic

chemistry core concepts 2nd edition 9780730363576 wiley - Aug 03 2023

web welcome to the web site for chemistry core concepts 2nd edition by blackman et al this web site gives you access to the rich tools and resources available for this text you

chemistry core concepts 2nd edition vitalsource - Jun 20 2022

web chemistry core concepts 2nd edition has been developed by a group of leading chemistry educators for students entering university with little or no background in

chemistry wiley plus products 2nd edition by allan blackman - Nov 25 2022

web blackman bottle schmid schmid mocerino wille chemistry 2nd edition home browse by chapter browse by chapter

browse by resource browse by resource

chemistry 4th edition wiley - Sep 11 2021

chemistry blackman allan bottle steven e schmid siegbert - Apr 30 2023

web chemistry core concepts 2nd edition has been developed by a group of leading chemistry educators for students entering university with little or no background in

blackman bottle schmid mocerino wille chemistry 2nd - Jun 01 2023

web dec 5 2011 chemistry 2nd edition by allan blackman author steven e bottle author siegbert schmid author 4 5 4 ratings see all formats and editions paperback

chemistry blackman allan bottle steven e schmid siegbert - Feb 26 2023

web blackman southam lawrie williamson thompson bridgeman chemistry core concepts 2nd edition

geochemistry 2nd edition wiley - Feb 14 2022

web may 26 2022 free download chemistry 4th edition written by allan blackman steven bottle siegbert schmid mauro mocerino and uta wille in pdf allan blackman is a

chemistry core concepts 2nd edition wiley - Sep 23 2022

web chemistry core concepts 2nd edition allan blackman daniel southam gwendolyn lawrie natalie williamson christopher thompson adam bridgeman isbn 978 0 730

chemistry blackman 2nd edition esource svb com - Apr 18 2022

web aug 14 2023 blackman southam lawrie williamson thompson coming soon available in semester 1 2024 the third edition of chemistry core concepts

chemistry 4th edition wiley - Oct 13 2021

web chemistry 4th edition continues the substantial commitment of wiley to chemistry education in australia and new zealand by providing the appropriate mix of organic

chemistry 2nd edition wiley - Oct 05 2023

web blackman bottle schmid mocerino wille chemistry 2nd edition home browse by chapter blackman bottle schmid mocerino wille chemistry 2nd - 0ct 25 2022

web chemistry core concepts 2nd edition allan blackman daniel southam gwendolyn lawrie natalie williamson christopher thompson adam bridgeman isbn 978 0 730

blackman bottle schmid mocerino wille chemistry 2nd - Sep 04 2023

web the second edition of chemistry core concepts 2nd edition blackman et al has been developed by a group of leading

chemistry educators for students entering

chemistry core concepts 3rd edition wiley higher ed - Mar 18 2022

web in the new edition of william m white s undergraduate and graduate students will find each of the core principles of geochemistry covered from defining key principles and

chemistry core concepts 2nd edition amazon com au - May 20 2022

web 9781742467078 wiley direct the second edition of chemistry core concepts 2nd edition blackman et al has been developed by a group of leading chemistry

the chemistry of food 2nd edition wiley - Jul 22 2022

web chemistry core concepts 2nd edition is written by allan blackman and published by john wiley sons australia the digital and etextbook isbns for chemistry core

lanthanide and actinide chemistry 2nd edition wiley - Dec 15 2021

web chemistry core concepts 2nd edition is written by allan blackman and published by john wiley sons australia the digital and etextbook isbns for chemistry core

blackman southam lawrie williamson thompson bridgeman - Jan 28 2023

web sep 14 2018 the second edition of chemistry core concepts 2nd edition blackman et al has been developed by a group of leading chemistry educators for students

chemistry core concepts 2nd edition by allan blackman - Dec 27 2022

web booktopia has chemistry wiley plus products 2nd edition by allan blackman buy a discounted not supplied by publisher of chemistry online from australia s leading

wiley chemistry core concepts 2nd edition 978 0 730 36357 6 - Mar 30 2023

web chemistry by blackman allan bottle steven e schmid siegbert mocerino mauro wille uta isbn 10 1742467075 isbn 13 9781742467078 john wiley sons