



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

PHYSICAL SCIENCES

SCOPE FOR CONTROL TESTS AND EXAMINATIONS 2023: GRADE 10

MARCH CONTROL TEST			
PAPER	TOPICS	MARK	DURATION
ONE PAPER ONLY	<p><u>Waves, Sound & Light:</u> <i>Transverse pulses on a string or spring, Transverse & Longitudinal Waves, Frequency and Pitch, Amplitude and Loudness, Ultrasound</i></p> <p><u>Electricity & Magnetism:</u> <i>Electrostatics, Electric Circuits</i></p>	75	1,5 hours
JUNE / MID-YEAR EXAMINATION			
NB: June / Mid-year examination will assess all the Term 1 and Term 2 work.			
PAPER	TOPICS	MARKS	DURATION
Paper 1	<p><u>Waves, Sound & Light:</u> <i>Transverse pulses on a string or spring, Transverse & Longitudinal Waves, Frequency and Pitch, Amplitude and Loudness, Ultrasound</i></p> <p><u>Electricity & Magnetism:</u> <i>Electrostatics, Electric Circuits</i></p>	100	2 hours
Paper 2	<p><u>Matter & Materials:</u> <i>Matter & Classification, States of Matter and the Kinetic Molecular Theory, The Atom, The Periodic Table, Chemical Bonding</i></p> <p><u>Chemical Change:</u> <i>Physical and Chemical Change, Representing Chemical Change</i></p>	100	2 hours

Physical P2 Grade Scope

M. Kemal,V. Arslan,M. Canbazoglu

Physical P2 Grade Scope:

The Captivating World of E-book Books: A Thorough Guide Revealing the Pros of Kindle Books: A World of Convenience and Versatility E-book books, with their inherent mobility and ease of availability, have freed readers from the constraints of hardcopy books. Gone are the days of carrying cumbersome novels or meticulously searching for specific titles in shops. E-book devices, sleek and portable, seamlessly store an wide library of books, allowing readers to indulge in their preferred reads whenever, anywhere. Whether commuting on a busy train, relaxing on a sunny beach, or just cozying up in bed, E-book books provide an exceptional level of convenience. A Literary Universe Unfolded: Exploring the Vast Array of Kindle Physical P2 Grade Scope Physical P2 Grade Scope The Kindle Store, a virtual treasure trove of bookish gems, boasts an wide collection of books spanning diverse genres, catering to every readers taste and choice. From captivating fiction and thought-provoking non-fiction to timeless classics and contemporary bestsellers, the Kindle Shop offers an unparalleled variety of titles to explore. Whether looking for escape through immersive tales of fantasy and exploration, delving into the depths of past narratives, or expanding ones understanding with insightful works of scientific and philosophical, the Kindle Store provides a gateway to a bookish universe brimming with endless possibilities. A Revolutionary Force in the Bookish Landscape: The Lasting Impact of Kindle Books Physical P2 Grade Scope The advent of E-book books has unquestionably reshaped the bookish landscape, introducing a model shift in the way books are published, distributed, and read. Traditional publication houses have embraced the online revolution, adapting their approaches to accommodate the growing need for e-books. This has led to a rise in the availability of E-book titles, ensuring that readers have access to a wide array of bookish works at their fingertips. Moreover, Kindle books have democratized access to literature, breaking down geographical barriers and providing readers worldwide with similar opportunities to engage with the written word. Regardless of their location or socioeconomic background, individuals can now immerse themselves in the captivating world of books, fostering a global community of readers. Conclusion: Embracing the Kindle Experience Physical P2 Grade Scope Kindle books Physical P2 Grade Scope, with their inherent ease, versatility, and wide array of titles, have certainly transformed the way we encounter literature. They offer readers the freedom to discover the boundless realm of written expression, anytime, everywhere. As we continue to travel the ever-evolving online scene, E-book books stand as testament to the persistent power of storytelling, ensuring that the joy of reading remains reachable to all.

https://crm.avenza.com/data/scholarship/index.jsp/new_holland_1925_repair_manual.pdf

Table of Contents Physical P2 Grade Scope

1. Understanding the eBook Physical P2 Grade Scope
 - The Rise of Digital Reading Physical P2 Grade Scope
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical P2 Grade Scope
 - 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 Physical P2 Grade Scope
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical P2 Grade Scope
 - Personalized Recommendations
 - Physical P2 Grade Scope User Reviews and Ratings
 - Physical P2 Grade Scope and Bestseller Lists
5. Accessing Physical P2 Grade Scope Free and Paid eBooks
 - Physical P2 Grade Scope Public Domain eBooks
 - Physical P2 Grade Scope eBook Subscription Services
 - Physical P2 Grade Scope Budget-Friendly Options
6. Navigating Physical P2 Grade Scope eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical P2 Grade Scope Compatibility with Devices
 - Physical P2 Grade Scope Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical P2 Grade Scope
 - Highlighting and Note-Taking Physical P2 Grade Scope
 - Interactive Elements Physical P2 Grade Scope
8. Staying Engaged with Physical P2 Grade Scope

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Physical P2 Grade Scope
- 9. Balancing eBooks and Physical Books Physical P2 Grade Scope
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical P2 Grade Scope
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical P2 Grade Scope
 - Setting Reading Goals Physical P2 Grade Scope
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical P2 Grade Scope
 - Fact-Checking eBook Content of Physical P2 Grade Scope
 - 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

Physical P2 Grade Scope Introduction

Physical P2 Grade Scope 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. Physical P2 Grade Scope Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Physical P2 Grade Scope : 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 Physical P2 Grade Scope : Has an extensive collection of digital content, including books,

articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Physical P2 Grade Scope Offers a diverse range of free eBooks across various genres. Physical P2 Grade Scope Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Physical P2 Grade Scope Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Physical P2 Grade Scope, especially related to Physical P2 Grade Scope, might be challenging as they're 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 Physical P2 Grade Scope, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Physical P2 Grade Scope books or magazines might include. Look for these in online stores or libraries. Remember that while Physical P2 Grade Scope, sharing copyrighted material without permission is not legal. Always ensure you're 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 Physical P2 Grade Scope 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 Physical P2 Grade Scope 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 Physical P2 Grade Scope eBooks, including some popular titles.

FAQs About Physical P2 Grade Scope 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. Physical P2 Grade Scope is one of the best book in our library for free trial. We provide copy of Physical P2 Grade Scope in digital format, so the resources that

you find are reliable. There are also many Ebooks of related with Physical P2 Grade Scope. Where to download Physical P2 Grade Scope online for free? Are you looking for Physical P2 Grade Scope 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 Physical P2 Grade Scope. 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 Physical P2 Grade Scope 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 Physical P2 Grade Scope. 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 Physical P2 Grade Scope To get started finding Physical P2 Grade Scope, 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 Physical P2 Grade Scope So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Physical P2 Grade Scope. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Physical P2 Grade Scope, 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. Physical P2 Grade Scope 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, Physical P2 Grade Scope is universally compatible with any devices to read.

Find Physical P2 Grade Scope :

new holland 1925 repair manual

new english file intermediate third edition oxford

new holland owners manual bc5050

networx nx8v2 user manual

new holland 37baler operator manual jruuyya

~~network simulation lab manual vt~~

new holland cs 640 combine illustrated parts manual catalog

new holland 568 manual

new holland m115 manual

new era accounting caps 2013 textbook paper memo

~~new holland l785 parts manual~~

neurotransmitters module regulation answers

new holland 1530 tractor repair manual

new holland 295 service manual

new employee scavenger hunts

Physical P2 Grade Scope :

le journal tel qu il est lu uniport edu - Apr 01 2022

web aug 28 2023 le journal tel qu il est lu 1 4 downloaded from uniport edu ng on august 28 2023 by guest le journal tel qu il est lu right here we have countless book le

le journal tel qu il est lu jacques douel achat livre fnac - Aug 17 2023

web le journal tel qu il est lu jacques douel erreur perimes cfpj des milliers de livres avec la livraison chez vous en 1 jour ou en magasin avec 5 de réduction le journal

amazon fr le journal tel qu il est lu jacques douel livres - Jul 16 2023

web noté 5 retrouvez le journal tel qu il est lu et des millions de livres en stock sur amazon fr achetez neuf ou d occasion

la revue des grandes unes du lundi 20 novembre - Dec 29 2021

web jul 4 2023 this le journal tel qu il est lu as one of the most committed sellers here will certainly be among the best options to review journaux du conseil legislatif de la

le journal tel qu il est lu by jacques douel - Nov 08 2022

web le journal tel qu il est lu n 1 35 tome 1 1 2 l Évangile tel qu il m a été révélé maria valtorta audio complet create a journal to sell on amazon kdp for free

le journal tel qu il est lu pdf uniport edu - May 02 2022

web apr 20 2023 ease you to see guide le journal tel qu il est lu as you such as by searching the title publisher or authors of

guide you really want you can discover them

le journal tel qu il est lu paperback 1 jan 1981 amazon co uk - Jan 10 2023

web le journal tel qu il est lu on amazon com free shipping on qualifying offers le journal tel qu il est lu

le journal tel qu il est lu littérature rakuten - Sep 18 2023

web le journal tel qu il est lu pas cher retrouvez tous les produits disponibles à l achat dans notre catégorie littérature

le journal tel qu il est lu by jacques douel - Jul 04 2022

web 2 days ago erreur 6 ne pas respecter les attentes de l autre pour nathalie giraud desforges c est important de vérifier les attentes et les rythmes de l autre lors d une

jean rené huleu et jean claude vernier le journal - Feb 11 2023

web buy le journal tel qu il est lu by jacques douel isbn 9782859000158 from amazon s book store everyday low prices and free delivery on eligible orders

roch voisine en deuil son père est mort belle photo d archive - Jan 30 2022

web la revue des grandes unes du lundi 20 novembre 2023 Équinoxe tv ps nous ne détenons aucun droit sur ces musiques jouées larevuedesgrandesunes

le journal tel qu il est lu histoire actualité politique rakuten - May 14 2023

web le journal tel qu il est lu pas cher retrouvez tous les produits disponibles à l achat dans notre catégorie histoire actualité politique

surtout ne faites pas ça 6 faux pas à éviter au début d une - Jun 03 2022

web oct 14 2023 download and install le journal tel qu il est lu so simple official journal of the proceedings of house of representatives of the state of louisiana at the

le journal tel qu il est lu 1981 edition open library - Oct 19 2023

web le journal tel qu il est lu by jacques douël 1981 centre de formation et de perfectionnement des journalistes edition in french français

journal du senegal - Aug 05 2022

web morin nous devons vivre avec l incertitude cnrs une dictature dangereuse le journal de montral astuces et conseils pour trouver un le petit journal lu vu amp entendu

le journal tel qu il est lu 9782859000158 amazon com books - Dec 09 2022

web le journal tel qu il est lu by jacques douel l innarrable antoine perraud il y a cinq ou six ans que une dictature dangereuse le journal de montral nouveau magazine

journal du 18 novembre 2023 by kolo tv journal du 18 - Oct 27 2021

web further to that i just read recently in the paper w here there was a company that was supposed to a udit the books of a company 2 parl gc ca 2 parl gc ca j ai lu

amazon fr le journal tel qu il est lu douël jacques livres - Aug 25 2021

le journal tel qu il est lu uniport edu - Nov 27 2021

web journal du 18 novembre 2023 by kolo tv video home live reels shows explore more home live reels shows explore journal du 18 novembre 2023 by kolo tv

actualités à singapour lepetitjournal com - Apr 13 2023

web singapour rencontre avec jean pierre rollet grand maître de la grande loge nationale française jean pierre rollet en visite à singapour a partagé avec lepetitjournal com

singapore journals the latest news guides updates - Sep 06 2022

web il parle de la persistance de la crise internationale qui renchérit de plus en plus les cours c est le plus beau jour de ma vie 27 01 sénégâl 96 journal télévisé 20h du

le journal tel qu il est lu pdf uniport edu - Feb 28 2022

web nov 16 2023 roch voisine a perdu son père real voisine est décédé a annoncé avec tristesse la star qui a fêté ses 60 ans le 26 mars dernier l interprète de avant de partir

le journal tel qu il est lu download only discover designlights - Oct 07 2022

web jun 1 2022 march 24 2023 october 1 2022 10 lifestyle 13 singapore journals is a leading source of reliable blogs news and guides get hard to find insights and advice

j ai lu le journal traduction anglaise linguae - Sep 25 2021

web noté 5 retrouvez le journal tel qu il est lu et des millions de livres en stock sur amazon fr achetez neuf ou d occasion

le journal tel qu il est lu worldcat org - Jun 15 2023

web publisher centre de formation et de perfectionnement des journalistes paris 33 rue du louvre 75002 1981 genre readers physical description 107 pages illustrations

the sun londres courrier international - Mar 12 2023

web fleuron de la presse à sensation the sun est le plus lu de tous les journaux britanniques le sport le sexe et les scandales constituent le fonds de commerce de ce titre phare du

principles of composite material mechanics 4th edition ronald - Dec 09 2021

principles of composite material mechanics gibson solution - Jan 10 2022

solutions manual for mechanics of composite - Jun 27 2023

web sep 16 2021 *solutions manual for principles of composite materials mechanics* by gibson ronald f staff open library

solutions manual for principles of composite

principles of composite material mechanics 4th edition - Aug 29 2023

web get instant access to our step by step *principles of composite material mechanics third edition solutions manual* our solution manuals are written by chegg experts so you

principles of composite material mechanics third edition - Feb 23 2023

web abebooks com *principles of composite materials mechanics second edition solutions manual* dekker mechanical engineering 9781420054132 by ronald f

principles of composite material mechanics ronald - May 26 2023

web sep 21 2011 *principles of composite material mechanics third edition* ronald f gibson crc press sep 21 2011 technology engineering 683 pages *principles of*

principles of composite material mechanics 4th edition gibson solutions - Apr 13 2022

web chapters 8 10 focus on analysis of viscoelastic and dynamic behaviour analysis of fracture and mechanical testing of composites a strong feature of the book is the use of a large

solved textbook principles of composite materials chegg com - Sep 18 2022

web nov 4 2022 *principles of composite material mechanics 4th edition gibson solutions manual* with question and answers from chapter 1 to 10 course *principles of composite material mechanics 4th edi* institution *principles of composite material mechanics 4th edi*

principles of composite material mechanics solutions manual - Jan 22 2023

web expert answer for a especially orthotropic transversely isotropic material the plane strain bulk modulus k_{23} is an engineering constant that is defined by the stress condition

principles of composite materials mechanics second edition - Oct 19 2022

web bibliographic information title *mechanics of composite materials solutions manual* author jones r m publisher taylor francis group 1998 isbn 1560328207

solutions manual for principles of composite material mechanics - Apr 25 2023

web an appendix on matrix concepts and operations coverage of particle composites nanocomposites nanoenhancement of conventional fiber more *principles of*

principles of composite material mechanics google books - Mar 12 2022

web sep 21 2011 *principles of composite material mechanics third edition* presents a unique blend of classical and

contemporary mechanics of composites technologies

solutions manual for principles of composite materials - Mar 24 2023

web showing all editions for principles of composite material mechanics solutions manual to accompany sort by format all formats 52 book 9 print book 43 ebook 9

principles of composite material mechanics semantic scholar - Nov 08 2021

mechanics of composite materials solutions manual - May 14 2022

web description principles of composite material mechanics covers a unique blend of classical and contemporary mechanics of composites technologies

principles of composite material mechanics solutions manual - Aug 17 2022

web principles of composite material mechanics fourth edition provides a solid foundation upon which students can begin work in composite materials science and engineering

principles of composite material mechanics google books - Feb 11 2022

principles of composite material mechanics solutions manual - Jun 15 2022

web jan 10 2018 read principles of composite material mechanics gibson solution manual by s238 on issuu and browse thousands of other publications on our platform

principles of composite material mechanics - Dec 21 2022

web principles of composite material mechanics third edition presents a unique blend of classical and contemporary mechanics of composites technologies while continuing to

principles of composite material - Jul 16 2022

web feb 10 2016 principles of composite material mechanics covers a unique blend of classical and contemporary mechanics of composites technologies it presents

formats and editions of principles of composite material - Nov 20 2022

web principles of composite material mechanics book read reviews from world's largest community for readers

principles of composite material mechanics google books - Oct 07 2021

principles of composite material mechanics third edition - Jul 28 2023

web solutions manual for principles of composite material mechanics second edition worldcat.org

no one wants you google books - Jun 12 2023

web apr 1 2008 a harrowing yet inspiring story of overcoming a childhood of enforced prostitution in rural ireland given away by her mother at five months old raped on the

[no one wants you celine roberts free download borrow and](#) - Nov 05 2022

web given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she believed it

no one wants you a true story of a child forced into abebooks - Oct 04 2022

web read no one wants you a true story of a child forced into prostitution by celine roberts available from rakuten kobo given away by her mother at five months old raped on the

[no one wants you by celine roberts open library](#) - May 31 2022

web no one wants you a memoir of a child forced into prostitution by celine roberts 0 ratings 11 want to read 2 currently reading 0 have read

no one wants you by celine roberts is available in these - Feb 25 2022

web no one wants you a true story of a child forced into prostitution celine roberts

no one wants you by celine roberts penguin books australia - May 11 2023

web mar 6 2008 view other formats and editions synopsis given away by her mother at five months old raped on the day of her first communion at age seven when celine

no one wants you by celine roberts used 9781903582695 - Mar 29 2022

web given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she believed

no one wants you a true story of a child forced into prostitution - Jul 13 2023

web sep 4 2008 given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she

no one wants you a true story of a child forced into prostitution - Mar 09 2023

web connecting given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she

[no one wants you on apple books](#) - Feb 08 2023

web summary given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she

[celine roberts author of no one wants you goodreads](#) - Jul 01 2022

web no one wants you by celine roberts 2008 random house publishing group edition ebook in english

no one wants you a true story of a child forced into prostitution - Oct 16 2023

web a harrowing yet inspiring story of overcoming a childhood of enforced prostitution in rural ireland given away by her mother at five months old raped on the day of her first

no one wants you by celine roberts waterstones - Apr 10 2023

web sep 4 2008 given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she

no one wants you a true story of a child forced into - Aug 14 2023

web illegitimate and unwanted celine was forced by her foster mother into prostitution her bones were broken her nose was crushed and she ate candle wax to stay alive celine

no one wants you ebook by celine roberts rakuten kobo - Sep 03 2022

web no one wants you a true story of a child forced into prostitution by celine roberts 0 ratings 8 want to read 2 currently reading 0 have read

no one wants you by celine roberts open library - Aug 02 2022

web celine roberts is the author of no one wants you 4 13 avg rating 424 ratings 28 reviews published 2006 la fille qui n'était rien 4 00 avg rating

celine roberts penguin books uk - Jan 07 2023

web sep 4 2008 given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she

no one wants you by celine roberts overdrive - Dec 06 2022

web no one wants you by celine roberts publication date 2008 collection inlibrary printdisabled internetarchivebooks contributor internet archive language english

no one wants you by celine roberts open library - Apr 29 2022

web buy no one wants you a memoir of a child forced into prostitution by celine roberts available in used condition with free delivery in the uk isbn 9781903582695

no one wants you a true story of a child forced into p - Sep 15 2023

web given away by her mother at five months old raped on the day of her first communion at age seven when celine roberts was told no one wants you she believed it

no one wants you by celine roberts penguin books new - Jan 27 2022