

PHYSICAL SCIENCES P.1

SCOPE

GRADE 12

2024

FINAL EXAM



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



mass 1.25 kg is connected to another crate, Q , of mass 2 kg by a light string. The two crates are placed on a rough horizontal surface. A force F of magnitude 7.5 N , acting at angle θ to the horizontal, is applied on shown in the diagram below.

accelerate at 0.1 m s^{-2} to the right.



Physical Science June Exam Paper 1 Scope

Jianjun Gao



Physical Science June Exam Paper 1 Scope:

The Chemical News and Journal of Physical Science ,1897 **Chemical News and Journal of Physical Science** ,1909
School and Home Education ,1907 The Public School Journal ,1908 **Matriculation model answers: French.**
Being the papers from June 1888 to Jan. 1894 (to Jan. 1897, June 1893 to Jan. 1899, to Jan. 1900, to Jan. 1902, June 1897 to Sept. 1902, Jan. 1899 to Sept. 1904, to Sept. 1905, to Sept. 1906, Jan. 1901 to Jan. 1907, to Sept. 1907, to Sept. 1908, Jan. 1905 to June 1909, to Jan. 1910, to Sept. 1910, to June 1911, June 1911 to June 1915), with answers by tutors of University correspondence college London univ, exam. papers,1894 **Research in Education** ,1973-12 **Resources in Education** ,1999-10 **The Index ... A Weekly Paper** ,1877 **Annual Report of the State Civil Service Commission of Illinois to the Governor** ,1912 *The Teaching of Physical Sciences in the Secondary Schools of the United States, France, and Soviet Russia* Alexander Efron,1937 *Research in Progress* ,
Journal of the Society of Chemical Industry Society of Chemical Industry (Great Britain),1924 Includes list of members 1882 1902 and proceedings of the annual meetings and various supplements **Annual Report** Illinois. Civil Service Commission,1914 **The teaching of physical sciences in the secondary schools of the United States** Alexander Efron,1937 Proceedings Institution of Mechanical Engineers (Great Britain),1929 Proceedings - Institution of Mechanical Engineers Institution of Mechanical Engineers (Great Britain),1929 Includes supplements *The Educational Times, and Journal of the College of Preceptors* ,1895 **The Athenaeum** ,1858 **The North British Review: March and June, 1867** T. Hardy,2021-11-05 Reprint of the original first published in 1867 *Regulations and Courses for Internal Students* University of London,1930

The Enigmatic Realm of **Physical Science June Exam Paper 1 Scope**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Physical Science June Exam Paper 1 Scope** a literary masterpiece penned by a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of people who partake in its reading experience.

https://crm.avenza.com/public/publication/Documents/prentice_hall_california_grade_6_math_textbook_answers.pdf

Table of Contents Physical Science June Exam Paper 1 Scope

1. Understanding the eBook Physical Science June Exam Paper 1 Scope
 - The Rise of Digital Reading Physical Science June Exam Paper 1 Scope
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science June Exam Paper 1 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 Science June Exam Paper 1 Scope
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science June Exam Paper 1 Scope
 - Personalized Recommendations
 - Physical Science June Exam Paper 1 Scope User Reviews and Ratings
 - Physical Science June Exam Paper 1 Scope and Bestseller Lists

5. Accessing Physical Science June Exam Paper 1 Scope Free and Paid eBooks
 - Physical Science June Exam Paper 1 Scope Public Domain eBooks
 - Physical Science June Exam Paper 1 Scope eBook Subscription Services
 - Physical Science June Exam Paper 1 Scope Budget-Friendly Options
6. Navigating Physical Science June Exam Paper 1 Scope eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical Science June Exam Paper 1 Scope Compatibility with Devices
 - Physical Science June Exam Paper 1 Scope Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science June Exam Paper 1 Scope
 - Highlighting and Note-Taking Physical Science June Exam Paper 1 Scope
 - Interactive Elements Physical Science June Exam Paper 1 Scope
8. Staying Engaged with Physical Science June Exam Paper 1 Scope
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Physical Science June Exam Paper 1 Scope
9. Balancing eBooks and Physical Books Physical Science June Exam Paper 1 Scope
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science June Exam Paper 1 Scope
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Physical Science June Exam Paper 1 Scope
 - Setting Reading Goals Physical Science June Exam Paper 1 Scope
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Physical Science June Exam Paper 1 Scope
 - Fact-Checking eBook Content of Physical Science June Exam Paper 1 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 Science June Exam Paper 1 Scope Introduction

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

Paper 1 Scope free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Physical Science June Exam Paper 1 Scope. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Physical Science June Exam Paper 1 Scope any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Physical Science June Exam Paper 1 Scope Books

1. Where can I buy Physical Science June Exam Paper 1 Scope books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Physical Science June Exam Paper 1 Scope book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Physical Science June Exam Paper 1 Scope books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.

7. What are Physical Science June Exam Paper 1 Scope audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Physical Science June Exam Paper 1 Scope books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Physical Science June Exam Paper 1 Scope :

[prentice hall california grade 6 math textbook answers](#)

[prentice hall algebra one part teachers edition](#)

[prentice hall chemistry workbook answers chapter 2](#)

[prentice hall geometry 4 5 answer key](#)

[prentice hall algebra 1 chapter 5 test answers](#)

[preliminary time table 4 gauteng 2014](#)

[prentice hall american government](#)

[predicted paper 2015 maths calculator mark scheme edexcel](#)

[prentice hall algebra 1 chapter 5 test](#)

[predicted paper edexcel 24](#)

[prentice hall algebra 1 answers chap 6](#)

[prentice hall algebra with trigonometry teacher39s edition](#)

[prentice hall chemistry studyguide answers ch 13](#)

[prentice hall foundation algebra 1 answers](#)

[prentice hall earth science rev answer key](#)

Physical Science June Exam Paper 1 Scope :

the secret to clara s calm the wisdom experience - Jun 29 2022

web buy the secret to clara s calm by tamara levitt jeremy bondy illustrator online at alibris we have new and used copies available in 1 editions starting at 12 43 shop

the secret to clara s calm levitt tamara 9781614293903 - Mar 27 2022

web levitt t secret to clara s calm levitt tamara bondy jeremy amazon nl books

the secret to clara s calm kindle edition amazon com au - Jan 05 2023

web the secret to clara s calm levitt tamara bondy jeremy 9781614293903 books amazon ca

the secret to clara s calm apple books - Feb 06 2023

web the secret to clara s calm ebook levitt tamara bondy jeremy amazon com au kindle store

the secret to clara s calm kindle edition amazon in - Nov 22 2021

the secret to clara s calm calm blog - Jan 25 2022

web calm s head of mindfulness tamara levitt wrote the secret to clara s calm to introduce young people to meditation and help them to deal with their emotions more skillfully it

the secret to clara s calm english edition kindle edition - Nov 03 2022

web nov 21 2017 amazon co jp the secret to clara s calm english edition ebook levitt tamara bondy jeremy foreign language books

secret to clara s calm 2017 edition open library - Mar 07 2023

web nov 21 2017 over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her

the secret to clara s calm kindle edition amazon com - Jul 11 2023

web nov 21 2017 over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her

levitt t secret to clara s calm amazon nl - Feb 23 2022

web nov 20 2017 over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her

the secret to clara s calm levitt tamara bondy - Oct 14 2023

web nov 21 2017 over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her

the secret to clara s calm tamara levitt 9781614293903 - Sep 01 2022

web over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her friends but will

the secret to clara s calm amazon co uk - May 09 2023

web read the secret to clara s calm by tamara levitt available from rakuten kobo clara was a happy girl until suddenly something didn t go her way clara was a happy and

the secret to clara s calm hardcover barnes noble - Jun 10 2023

web buy the secret to clara s calm illustrated by tamara levitt jeremy bondy isbn 9781614293903 from amazon s book store everyday low prices and free delivery on

clara s calm bookselling emotion calm s head of mindfulness - Dec 24 2021

web the secret to clara s calm ebook levitt tamara bondy jeremy amazon in books

the secret to clara s calm by tamara levitt goodreads - Sep 13 2023

web the secret to clara s calm by tamara levitt clara was a happy girl until suddenly something didn t go her way clara was a happy and popular girl but when the

the secret to clara s calm kobo com - Apr 08 2023

web secret to clara s calm by tamara levitt jeremy bondy 2017 wisdom publications edition in english

the secret to claras calm tamara levitt - Jul 31 2022

web over butter tarts brodhi teaches clara to calm her temper through the art of meditation come september clara s ready to go back to school and win back her friends but will

the secret to clara s calm alibris - May 29 2022

web the secret to clara s calm clara was a happy girl until suddenly something didn t go her way clara was a happy and popular girl but when she lost her temper one too many

the secret to clara s calm book by tamara levitt thriftbooks - Apr 27 2022

web items related to the secret to clara s calm levitt tamara the secret to clara s calm isbn 13 9781614293903 this specific isbn edition is currently not available view

the secret to clara s calm english edition kindle edition ☐☐ - Oct 02 2022

web nov 21 2017 netgalley helps publishers and authors promote digital review copies to book advocates and industry professionals publishers make digital review copies and

the secret to clara s calm levitt tamara bondy jeremy - Dec 04 2022

web the secret to clara s calm english edition ebook levitt tamara bondy jeremy amazon de kindle store

the secret to clara s calm book by tamara levitt jeremy - Aug 12 2023

web nov 21 2017 the secret to clara s calm kindle edition by tamara levitt author jeremy bondy illustrator format kindle edition 4 6 98 ratings see all formats and

automotive assembly insights mckinsey company - Oct 27 2022

web may 17 2023 hundreds of photos and illustrations making haynes the world leader in automotive repair information automotive engine repair goodnight 2017 06 30

automotive repair and maintenance global market report 2022 - Jun 03 2023

web follow dublin sept 22 2022 globe newswire the automotive repair and maintenance global market opportunities and strategies to 2031 report has been

global automotive repair and maintenance services market to - Aug 05 2023

web feb 15 2022 western europe was the largest region in the automotive repair and maintenance market in 2021 asia pacific was the second largest region in the

the worldwide leader in automotive repair information - Mar 20 2022

web the worldwide leader in automotive repair information automotive list of ebooks and manuels about the worldwide leader in automotive repair information automotive

the automotive industry s most influential leaders stoneacre - Aug 25 2022

web jun 4 2023 the worldwide leader in automotive repair information is available in our book collection an online access to it is set as public so you can get it instantly our

global automotive repair and maintenance market report - Apr 01 2023

web jun 16 2022 amid the covid 19 crisis the global market for automotive repair and maintenance services estimated at us 565 billion in the year 2020 is projected to reach

automotive repair and service market allied market - Sep 06 2023

web jun 23 2021 global automotive repair and maintenance services market to reach 678 4 billion by 2026 abstract global automotive repair and maintenance services

the worldwide leader in automotive repair information pdf - Jun 22 2022

web aamco has spent the past half century as the worldwide leader in transmission repairs automotive industry wikipedia april 30th 2018 the automotive industry is a wide

the worldwide leader in automotive repair information pdf - May 22 2022

web the worldwide leader in automotive repair information author walther specht from media joomlashine com subject the worldwide leader in automotive repair

the worldwide leader in automotive repair information - Nov 27 2022

web mar 22 2017 3 mark fields as ford ceo mark fields is perhaps the most powerful and influential automotive executive in america he sits at the helm of the world s second

the worldwide leader in automotive repair information - Feb 16 2022

web may 19 2023 teardown with hundreds of photos and illustrations making haynes the world leader in automotive repair information today s technician manual

global automotive repair and maintenance market - Feb 28 2023

web leader in automotive repair information how detroit became the automotive capitol of the world digital and sustainable transformations in a post covid world i byte

available in print online the worldwide leader - Oct 07 2023

web the worldwide leader in automotive repair information for over 55 years corporate headquarters 859 lawrence drive newbury park ca 91320 1514

automotive industry wikipedia - Dec 29 2022

web aug 4 2021 here are a few factors that have resulted in a significant shift in the automobile repair industry better reliability in the olden days reliability was not much

the worldwide leader in automotive repair information - Nov 15 2021

auto repair industry trends for 2021 garageplug - Sep 25 2022

web the worldwide leader in automotive repair information historic world leaders may 25 2022 annotation this exciting 5 vol biographical resource presents the lives times

worker dies while repairing storm ciaran damage in northwest - Oct 15 2021

automotive industry worldwide statistics facts statista - Jul 04 2023

web dec 7 2022 according to this report the automotive repair and service market was valued at 789 80 billion in 2021 and is estimated to reach 1 656 21 billion by 2031 growing at

the worldwide leader in automotive repair information pdf - Apr 20 2022

web sep 19 2023 the worldwide leader in automotive repair information author edms ncdmb gov ng 2023 09 19 04 00 43 subject the worldwide leader in

the worldwide leader in automotive repair information pdf - Jul 24 2022

web jun 17 2023 the worldwide leader in automotive repair information 2 8 downloaded from uniport edu ng on june 17

2023 by guest fieldbook builds on the philosophical

global automotive repair and maintenance services market to - Jan 30 2023

web jul 10 2023 read our latest research articles and reports on automotive assembly on the changes that matter most for the challenges and opportunities ahead

the worldwide automotive repair and service industry is - May 02 2023

web mar 5 2021 the global automotive repair and maintenance market is expected to grow from 641 4 billion in 2020 to 690 07 billion in 2021 at a compound annual growth rate

the worldwide leader in automotive repair information automotive - Dec 17 2021

the worldwide leader in automotive repair information - Jan 18 2022

web 2 days ago a train carrying around 500 passengers from paris to toulouse was stalled at 2am local time for six and a half hours in the region of correze due to a tree on the

piston rings tpr co ltd - Jul 14 2023

web catalog 341 tpr catalogue 2020 vol 17 pdf motor vehicle automotive industry when ordering please be sure to state the following our set number size type and

catalog 341 tpr catalogue 2020 vol 17 pdf motor vehicle - May 12 2023

web tpr piston rings catalogue for japanese vehicles vol17 Кольца поршневые tp vol17 pdf car manufacturers of japan vehicle industry ipx up psefs uq qjtupo sjoht

tp piston ring catalogue pdf new download weebly - Feb 26 2022

web may 30 2023 tp piston rings catalogue pdf the ultimate resource for car enthusiasts and mechanics tp piston ring catalogue pdf download a guide for car

click to go to catalog piston seal tp profile catalog eps - Jun 01 2022

web the piston rings of this catalogue are in grindtech spare part quality this catalogue has been compiled and controlled very carefully nevertheless we are not liable for any

catalogue - Mar 30 2022

web aug 9 2021 mpl's tp shared ring protection msrp mechanism mpl's tp shared ring protection msrp mechanism draft cheng mpl's tp shared ring protection 01

download pdf tpr piston rings catalogue for - Aug 15 2023

web piston rings piston rings play the role of controlling lubricating oil and because they are used in a high speed motion part they are critical functional parts demanding high

[*tp piston ring catalogue pdf download slideserve*](#) - Jan 28 2022

web present below as capably as review tp piston ring catalogue what you taking into consideration to read horseless age 1913 phase equilibria andreas l muhlbauer

piston ring catalogue 0086parts com - Jul 02 2022

web piston catalogue free download as pdf file pdf text file txt or view presentation slides online piston 872 132 1800 2000 2200 2500 3000 3400 3600 6000 2700 1600

[tp piston rings catalogue pdf the ultimate resource for car](#) - Dec 27 2021

web name piston ring tp catalogue pdf txt size 0 00 mb created 2016 09 21 02 26 22 last download 2022 12 22 20 55 06

tp piston ring catalogue harvard university - Nov 25 2021

web detailed info about tp piston ring contact taiwan automobile piston supplier aeps trading co ltd for piston ring on taiwantrade

[the best for engines tpr products in engine t pr](#) - Jan 08 2023

web nippon piston ring co ltd security check

[npr nippon piston ring piston rings](#) - Aug 03 2022

web catalog eps 5370 usa piston seal tp profile tp cross section tp profile piston t seal compact seal with anti extrusion technology parker s tp profile piston t seal is

[tpr piston rings catalogue for japanese vehicles vol17](#) - Mar 10 2023

web teikoku piston ring co ltd piston piston ring teikoku pistonring ltd nagano plant 16949 2Ø2 g ring sorts sgs teikoku pistonring co ltd

car type product tpr no type engine model cc no cyl - Dec 07 2022

web here you ll find our most up to date piston ring offerings check back as we update our catalogs periodically if you re not able to find what you re looking for contact us to learn

piston ring tp catalogue pdf txt nippyfile - Oct 25 2021

tp al shamali auto parts - Sep 04 2022

web applications guide piston ring vehicle model engine type c c bore mm cyls posi tion size h mm part no pcpr product code mate rial surface treatment ring

piston catalogue pdf scribd - Apr 30 2022

web ps top compression rings and upper oil control rings chrome plated others tp piston ring sets are available in standard std size and the following tpr catalogue

nippon piston ring co ltd security check - Nov 06 2022

web tp rings is one of the major manufacturers of piston rings and liners in japan and we are one among the suppliers of tp products which has a very high demand in global market

602 0326h indd 1 3 2016 03 25 17 34 tm asia com ua - Feb 09 2023

web toyota tpr piston ring 35932 3fac 4y new 2208 4 13011 73032 toyota tpr piston ring 35862 2fac l new 2188 4 13011 35071 toyota tpr piston ring

tpr piston rings catalogue for japanese vehicles vol16 doku - Apr 11 2023

web tp piston ring sets are available in standard std size and the following oversizes inch std 010 020 030 040 mm std 0 25 0 50 0 75 1 00 example our set no type

tpr piston rings catalogue for japanese vehicles - Jun 13 2023

web download view tpr piston rings catalogue for japanese vehicles vol16 кольца поршневые tp vol16 as pdf for free

catalogs cross reference piston rings manufacturer made - Oct 05 2022

web npr s unrivaled piston rings and pistons will satisfy the needs of today s higher performance engine all piston rings and pistons listed in this catalog are the results

tp piston ring taiwantrade com - Sep 23 2021