

Name: _____

Date: _____

Gibbs Free Energy Practice Problems

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) * 5/9$$

$$^{\circ}\text{F} = ^{\circ}\text{C} * 9/5 + 32$$

$$\text{K} = ^{\circ}\text{C} + 273$$

1. Calculate the Gibbs free energy change (ΔG) for the following chemical reaction:



The reaction occurs at 68 $^{\circ}\text{F}$, the change in heat (ΔH) = 19,070 cal, and the change in entropy (ΔS) = 90 cal/K.

68 $^{\circ}\text{F}$ = 293 K, therefore the equation is set up in the following way:

$$\Delta G = \Delta H - T\Delta S$$

$$\Delta G = 19,070 \text{ cal} - (293 \text{ K}) (90 \text{ cal/K})$$

$$\Delta G = -7300 \text{ cal} = -7.3 \text{ kcal}$$

2. Calculate the Gibbs free energy change (ΔG) for the following chemical reaction:



The reaction occurs at 68 $^{\circ}\text{F}$, the change in heat (ΔH) = 4103 cal, and the change in entropy (ΔS) = 2.4 cal/K.

68 $^{\circ}\text{F}$ = 293 K, therefore the equation is set up in the following way:

$$\Delta G = \Delta H - T\Delta S$$

$$\Delta G = 4103 \text{ cal} - 293 \text{ K} (2.4 \text{ cal/K})$$

$$\Delta G = 3399.8 \text{ cal} = 3.4 \text{ kcal}$$

3. Would either of the reactions above occur spontaneously? If so, which one(s) and why?

The reaction with ATP in #1. The change in Gibbs free energy (ΔG) is negative for exothermic reactions and can only be negative for spontaneous reactions. However, the activation energy required would still cause this reaction to occur slowly.

4. Are either of the above reactions endergonic? If so, which one(s) and why?

The reaction with glutamate and NH_3 in #2. The change in ΔG (free energy) is positive, meaning free energy is absorbed, making this reaction endergonic.

Energy Practice Problems And Answers

Patrick Vollmar



Energy Practice Problems And Answers:

Delve into the emotional tapestry woven by in Experience **Energy Practice Problems And Answers** . This ebook, available for download in a PDF format (*), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

<https://staging.conocer.cide.edu/About/book-search/HomePages/encyclopaedia%20of%20real%20estate%20terms.pdf>

Table of Contents Energy Practice Problems And Answers

1. Understanding the eBook Energy Practice Problems And Answers
 - The Rise of Digital Reading Energy Practice Problems And Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Energy Practice Problems And Answers
 - 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 Energy Practice Problems And Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Energy Practice Problems And Answers
 - Personalized Recommendations
 - Energy Practice Problems And Answers User Reviews and Ratings
 - Energy Practice Problems And Answers and Bestseller Lists
5. Accessing Energy Practice Problems And Answers Free and Paid eBooks
 - Energy Practice Problems And Answers Public Domain eBooks
 - Energy Practice Problems And Answers eBook Subscription Services
 - Energy Practice Problems And Answers Budget-Friendly Options

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

Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers Books

1. Where can I buy Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers 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 Energy Practice Problems And Answers :

encyclopaedia of real estate terms

encyclopedia brown and the case of the exploding plumbing encyclopedia brown paperback

encounters a psychologist reveals case studies of abductions of extraterrestrials

encyclopedia of 312 woodworking and scroll saw designs

enchantment in the garden

encyclopedia of antique postcards

encyclopaedia of natural disasters

enc harvest cd

encyclodedia of fishing

encyclopedia of the mccarthy era

~~encyclopédie biblique dictionnaire et concordance des saintes écritures~~

encyclopedia of life sciences

encyclopedia of the worlds of doctor who e-k

encyclopedia of american cars 19301942

encyclopedia of the elements

Energy Practice Problems And Answers :

[nato says it didn't notice ukrainian soldier's apparent nazi newsweek](#) - Jul 18 2023

web mar 9 2022 a ukrainian servicemember is seen wearing what appears to be a black sun symbol associated with nazism on the chest of her uniform in this photo published by the general staff of the armed forces

black sun astronomy mythology alchemy crystalinks - Mar 14 2023

web the black sun occult symbol the term black sun german schwarze sonne also referred to as the sonnenrad the german for sun wheel is a symbol of esoteric or occult significance its design is based on a sun wheel incorporated in a floor of wewelsburg castle during the nazi era

the veil 2021 mydramalist - Aug 07 2022

web sep 17 2021 also known as the black sun black sun geomeuntaeyang geomeun taeyang 김성용 director kim sung yong screenwriter park seok ho genres action thriller mystery crime

black sun symbol revelation viking workshop - Nov 10 2022

web black sun symbol revelation the two circles with the central small one linked to the big one via twelve sig rune rays are known as the symbol of the black sun schwarze sonne in german indicating the infinite power and energy

[black sun wookieepedia fandom](#) - Mar 02 2022

web black sun was a criminal syndicate that came into prominence during the clone wars as the jedi order focused more on military affairs and less on law enforcement black sun was allied with the shadow collective and its leader the renegade sith lord maul

[black sun symbol wikipedia](#) - Oct 21 2023

web the black sun german schwarze sonne is a type of sun wheel german sonnenrad symbol originating in nazi germany and later employed by neo nazis and other far right individuals and groups the symbol's design consists of twelve radial sig runes similar to the symbols employed by the ss in their logo

kamen rider black sun tv series 2022 imdb - Jun 05 2022

web kamen rider black sun with hidetoshi nishijima tomoya nakamura gaku hamada kokoro hirasawa half a century has passed since the country declared the coexistence of humans and monsters an era of chaos aoi izumi a young human rights activist who appeals for the abolition of discrimination meets a man

[black sun symbol religion wiki fandom](#) - Apr 15 2023

web the term black sun german schwarze sonne also referred to as the sonnenrad the german for sun wheel is a symbol of esoteric or occult significance notable for its usage in nazi mysticism today it may also be used in occult currents of germanic neopaganism and in irminenschaft or armanenschaft inspired esotericism

black sun between earth and sky 1 goodreads - Oct 09 2022

web oct 13 2020 40 373 ratings 7 698 reviews goodreads choice award nominee for best fantasy 2020 the first book in the between earth and sky trilogy inspired by the civilizations of the pre columbian americas and woven into a tale of celestial prophecies political intrigue and forbidden magic a god will return

the neo nazi symbol posted by pete evans has a strange and - Aug 19 2023

web nov 24 2020 the symbol evans deployed was the sonnenrad the sunwheel swastika or black sun it has its origins as a pictographic representation of the sun in ancient norse paganism similar symbols

between earth and sky novel series wikipedia - May 04 2022

web between earth and sky novel series between earth and sky is a fantasy novel series by american writer rebecca roanhorse it currently comprises two novels black sun 2020 and fevered star 2022 2 it is an epic fantasy series inspired by various pre columbian american cultures

black sun logo logodix - Apr 03 2022

web black sun logo we have found 35 black sun logos do you have a better black sun logo file and want to share it we are working on an upload feature to allow everyone to upload logos 146 676 logos of 4 892 brands shapes and colors

black sun reporting radicalism in ukraine - Jan 12 2023

web the black sun was displayed in one of the main halls of the ss headquarters wewelsburg castle since the 1950s it has been a symbol of esoteric hitlerism which is a kind of synthesis of occult teachings mysticism and nazism

black sun wikipedia - Dec 11 2022

web black sun twining novel a 2005 novel by james twining black sun manga a manga first published in 2007 written and illustrated by uki ogasawara black sun roanhorse novel a 2020 fantasy novel by rebecca roanhorse black

black sun linkedin - Jul 06 2022

web the black sun breakfast club brings together like minded clients to facilitate an interesting conversation in a space where we know they share similar challenges and under the chatham house rule

the pagan origins of the infamous nazi black sun symbol - Jun 17 2023

web may 24 2022 comparatively the nazi black sun symbol aka the sonnenrad comes across as downright underwhelming even so it was a piece of propaganda that the nazis happily leveraged toward their own ends norse influence over ancient germany

sonnenrad adl - May 16 2023

web neo nazi symbols alternate names sunwheel black sun the sonnenrad or sunwheel is one of a number of ancient european symbols appropriated by the nazis in their attempt to invent an idealized aryan norse heritage

black sun starwars com - Sep 08 2022

web black sun during the clone wars the focus of the jedi knights on defeating the separatists meant a decline of law enforcement particularly in the sparsely patrolled outer rim territories this allowed criminal elements

the black sun sonnenrad symbol learn religions - Sep 20 2023

web jan 24 2019 by catherine beyer updated on january 24 2019 the black sun also known as the sonnenrad sun wheel in german specifically comes from the floor of the north tower of wewelsburg castle which was renovated by ss leader heinrich himmler

black sun goodrick clarke book wikipedia - Feb 13 2023

web black sun aryan cults esoteric nazism and the politics of identity is a book by the historian nicholas goodrick clarke in which the author examines post war nazi occultism and similar phenomena it was published by new york university press in august 2001 isbn 978 0814733264 and reissued in paperback isbn 0 8147 3155 4

reiki das komplette handbuch dominique kim amazon in - May 31 2022

web reiki das komplette handbuch kim dominique bringt in diesem buch dem interessierten leser alle vier reiki grade auf eine anschauliche und klar reiki das

reiki das komplette handbuch ebook kim dominique bol com - Apr 29 2022

web reiki das komplette handbuch paperback was reiki nicht ist eine religion sekte glaubensrichtung voodoo hokuspokus lebenslange abhangigkeit von

reiki das komplette handbuch by kim dominique alibris - Jul 01 2022

web hello select your address books

das reiki handbuch von der grundlegenden einführung zur - Nov 05 2022

web jun 22 2021 reiki das komplette handbuch german edition dominique kim on amazon com free shipping on qualifying offers reiki das komplette handbuch

reiki das komplette handbuch theorie praxis und faq aller - Sep 03 2022

web dieses buch ist sowohl für neueinsteiger als auch für geübte reiki anwender eine wahre fundgrube an wissen und knowhow für den richtigen umgang mit reiki es werden alle

reiki das komplette handbuch theorie praxis und faq aller - Dec 26 2021

web reiki das komplette handbuch theorie praxis und faq aller vier reiki grade nach dr mikao usui kim dominique buch taschenbuch

reiki das komplette handbuch german edition paperback - Oct 04 2022

web reiki das komplette handbuch theorie praxis und faq aller vier reiki grade nach dr mikao usui dominique kim amazon

com au books

reiki das komplette handbuch theorie praxis und faq aller - Jul 13 2023

web das reiki kompendium ein umfassendes handbuch über das reiki system grundlagen Übertragungslinien

originalschriften meisterschaft symbole techniken

reiki das komplette handbuch by kim dominique overdrive - Feb 08 2023

web reiki das komplette handbuch ebook epub von kim dominique portofrei bei bücher de home ebook gesund fit schön

meditation leseprobe als download kaufen

reiki das komplette handbuch von kim dominique buch - Oct 24 2021

reiki das komplette handbuch kim dominique bol com - Mar 29 2022

web reiki das komplette handbuch paperback was reiki nicht ist eine religion sekte glaubensrichtung voodoo hokuspokus

lebenslange abhängigkeit von

das reiki handbuch zva - Dec 06 2022

web ein umfassendes handbuch über das reiki system grundlagen Übertragungslinien originalschriften meisterschaft

symbole techniken behandlungen reiki als

reiki das komplette handbuch von kim dominique buch thalia - Aug 14 2023

web reiki das komplette handbuch theorie praxis und faq aller vier reiki grade nach dr mikao usui kim dominique buch

taschenbuch

reiki das komplette handbuch kim dominique - Feb 25 2022

web kim dominique bringt in diesem buch dem interessierten leser alle vier reiki grade auf eine anschauliche und klar

strukturierte weise näher kurz kompakt und konkret mehr

reiki das komplette handbuch google books - Jun 12 2023

web dieses buch ist sowohl für neueinsteiger als auch für geübte reiki anwender eine wahre fundgrube an wissen und

knowhow für den richtigen umgang mit reiki es werden alle

kim dominique reiki das komplette handbuch - Apr 10 2023

web abebooks com reiki das komplette handbuch german edition 9783741254390 by dominique kim and a great selection of

similar new used and collectible books

reiki das komplette handbuch german edition softcover - Mar 09 2023

web may 12 2016 dieses buch ist sowohl für neueinsteiger als auch für geübte reiki anwender eine wahre fundgrube an

wissen und knowhow für den richtigen umgang mit

reiki das komplette handbuch on apple books - Aug 02 2022

web buy reiki das komplette handbuch by kim dominique online at alibris we have new and used copies available in 1 editions starting at 31 32 shop now

reiki das komplette handbuch google books - May 11 2023

web dieses buch ist sowohl für neueinsteiger als auch für geübte reiki anwender eine wahre fundgrube an wissen und knowhow für den richtigen umgang mit reiki es werden alle

reiki handbook a manual for students and - Jan 27 2022

web dieses buch ist sowohl für neueinsteiger als auch für geübte reiki anwender eine wahre fundgrube an wissen und knowhow über den richtigen umgang mit reiki es werden

reiki das komplette handbuch by kim dominique overdrive - Nov 24 2021

reiki das komplette handbuch ebook epub bücher de - Jan 07 2023

web das reiki kompendium ein umfassendes handbuch über das reiki system von der tradition bis zur gegenwart grundlagen Übertragungslinien originalschriften

delmia tutorial pdf pdf robotics simulation - Jun 18 2023

web may 4 2020 delmia v5 arc welding robot simulation on large gantry short demonstration of delmia v5 robotics for arc welding this robot hangs from a large gantry to weld

catia v5 portfolio dassault systèmes 3d software - May 05 2022

web the course includes a mixture of presentation tutorial and exercises enabling students to gain hands on experience the course covers the following topics in depth introduction

training delmia v5 robotics rob keonys - Apr 16 2023

web jan 3 2018 1 answer mahbub answered on 3 jan 2018 04 17 am you can find some tutorials in youtube upvote 5 upvoted 6 downvote 3 downvoted 4 log in or sign up

delmia v5 robotics virtual simulation - May 17 2023

web fdelmia v5 robotics scalable flexible and easy to use solutions for robotic workcell setup programming and simulation delmia v5 robotics is powerful integrated

delmia v5 simulation part 3 process planning youtube - Nov 11 2022

web delmia realistic robot simulation is targeted at the automotive industry which typically requires cycle time estimates within a 5 percent range of actual values rrs efficiently

delmia v5 arc welding robot simulation on - Feb 14 2023

web delmia robotics off line allows simulation engineers to create a robot simulation in v5 and download the resulting robot program to a robot on the shop floor this results in

robotics software delmia dassault systèmes - Mar 15 2023

web feb 5 2021 delmia v5 simulation part 2 creating process planning we will learn about the basic of process simulation by using delmia v5 software and how digital human

robotic simulation delmia tutorial 4 - Jul 19 2023

web delmia robotics software validates production systems and robot programming within a 3d collaborative environment before building the production system it offers a flexible

delmia v5r20 fact sheet dassault systèmes - Aug 08 2022

web delmia v5 tutorial robotic simulation intelligent robotics and applications jun 10 2021 the 4 volume set Inai 13455 13458 constitutes the proceedings of the 15th

delmia v5 robotics training technia netherlands - Oct 30 2021

delmia v5 tutorial robotic simulation book - Apr 04 2022

web the course includes a mixture of presentation tutorial and exercises enabling students to gain hands on experience the course covers the following topics in depth introduction

modeling a deburring process using delmia v5 - Jun 06 2022

web may 22 2020 vineet ganachari 133 subscribers subscribe 7 share 681 views 3 years ago in this tutorial you will learn the robotic simulation process as per the industrial

catia v5 portfolio dassault systèmes 3d software - Oct 10 2022

web jan 30 2010 the pressure against the part edge can be set from the delmia v5 r17 the same scara robot is modelled and simulated for the path taken during deburring

delmia v5 robotics training technia uk - Nov 30 2021

catia v5 portfolio dassault systèmes 3d software - Jul 07 2022

web delmia robot simulation v5 v5 simulation software for robots delmia robot simulation v5 delmia robot simulation v5 menu cart open your store compare

robotic simulation delmia tutorial 6 full weld - Feb 02 2022

where can i get delmia v5 robotics tutorial in english or in - Dec 12 2022

web several enhancements to the v5 robotics solutions deliver advanced capabilities to the ds delmia user community
introduction of fds delmia flex dynamic cable

delmia v5 robotics training technia - Sep 21 2023

web jan 16 2021 3d experience 1 19k subscribers subscribe 42 share 3 5k views 2 years ago mechanical process delmia v5
simulation part 1 creating 3d environment

delmia v5 robotics training technia sweden - Jan 01 2022

delmia v5 simulation part 1 creating 3d environment - Aug 20 2023

web this course will teach you how to create program simulate and validate an entire robot workcell for any manufacturing
industry you will learn how to create a tag and robot

delmia robot simulation v5 v5 - Mar 03 2022

web the course includes a mixture of presentation tutorial and exercises enabling students to gain hands on experience the
course covers the following topics in depth introduction

how to learn delmia where do video tutorials grabcad - Sep 09 2022

web in its default configuration 3d simulation for manufacturing allows the user to perform kinematic simulations of catia v4
v5 parts and assemblies catia v4 v5

delmia robotics simulation pdf robotics - Jan 13 2023

web sep 21 2016 where can i find video tutorials for delmia automation 2 answers 123 views 0 followers i want to learn
molding in pro e 5 0 can anyone help me please some