EverFi Module 1 - Savings - Final Quiz Answers

Key - Answer- * = correct answer

You are opening a savings account that earns compound interest. Which compounding frequency will earn you the MOST money? - Answer- A.) Compounding 1 time a year

B.) Compounding 4 times a year

C.) Compounding monthly

D.) Compounding daily*

Which of the following accounts will give you the LEAST access to your money? -Answer- A.) Simple savings account

B.) Certificate of Deposit (CD)*

C.) Checking account

D.) Cash

Tamara has \$500 she is looking to save for a class trip. She wants to earn the most possible interest and will not need access to her money for a full year. Which type of savings account will be best for Tamara? - Answer- A.) Savings Account

B.) Certificate of Deposit (CD)*

C.) Money Market Account

D.) Checking Account

Interest is: - Answer- A.) a charge for lending money to a bank

B.) the amount owed for borrowing money*

C.) the amount added into your savings when opening a bank account

D.) a charge for the convenience of accessing money stored in your bank account

The purpose of a budget is to: - Answer- A.) help you plan how you will spend the money you earn or receive.*

B.) stop you from spending too much money.

C.) increase the balance of your savings account

D.) tell you how much you owe the government in taxes

Which of the following is generally true about savings vehicles? - Answer- A.) Savings vehicles are only useful for long-term investments.

B.) People should evaluate different forms of savings vehicles based on their needs.*

C.) Savings vehicles are never insured.

D.) All of the above

Joy is taking out a car loan which she will pay back with interest. Which option will require her to pay the lowest amount in interest? - Answer- A.) Annual Compounding*

B.) Monthly Compounding

C.) Daily Compounding

D.) Semi-Annual Compounding

Everfi Answers For Each Final Quiz

Marco Cascella

Everfi Answers For Each Final Quiz:

If you ally infatuation such a referred **Everfi Answers For Each Final Quiz** books that will give you worth, get the definitely best seller from us currently from several preferred authors. If you want to droll books, lots of novels, tale, jokes, and more fictions collections are also launched, from best seller to one of the most current released.

You may not be perplexed to enjoy all book collections Everfi Answers For Each Final Quiz that we will totally offer. It is not on the order of the costs. Its very nearly what you craving currently. This Everfi Answers For Each Final Quiz, as one of the most effective sellers here will certainly be in the course of the best options to review.

https://staging.conocer.cide.edu/results/virtual-library/fetch.php/From Pillar To Post The Pearl Pellard Story.pdf

Table of Contents Everfi Answers For Each Final Quiz

- 1. Understanding the eBook Everfi Answers For Each Final Quiz
 - The Rise of Digital Reading Everfi Answers For Each Final Quiz
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Everfi Answers For Each Final Quiz
 - 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 Everfi Answers For Each Final Quiz
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Everfi Answers For Each Final Quiz
 - Personalized Recommendations
 - Everfi Answers For Each Final Quiz User Reviews and Ratings
 - Everfi Answers For Each Final Quiz and Bestseller Lists
- 5. Accessing Everfi Answers For Each Final Quiz Free and Paid eBooks

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

Everfi Answers For Each Final Quiz Introduction

In the digital age, access to information has become easier than ever before. The ability to download Everfi Answers For Each Final Quiz 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 Everfi Answers For Each Final Quiz has opened up a world of possibilities. Downloading Everfi Answers For Each Final Quiz 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 cost-effective nature of downloading Everfi Answers For Each Final Quiz 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 Everfi Answers For Each Final Quiz. 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 Everfi Answers For Each Final Quiz. 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 Everfi Answers For Each Final Quiz, 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 Everfi Answers For Each Final Quiz has transformed the way we access information. With the convenience, costeffectiveness, 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 Everfi Answers For Each Final Quiz 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 web-based 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. Everfi Answers For Each Final Quiz is one of the best book in our library for free trial. We provide copy of Everfi Answers For Each Final Quiz in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Everfi Answers For Each Final Quiz. Where to download Everfi Answers For Each Final Quiz online for free? Are you looking for Everfi Answers For Each Final Quiz PDF? This is definitely going to save you time and cash in something you should think about.

Find Everfi Answers For Each Final Quiz:

 $\underline{\text{from pillar to post the pearl pellard story}}$

from powder monkey to admiral. medal library no. 126

from sunset to dawn

frommers memorable walks in san francisco with map

from palmerston to balfour

from paradise to paradigm a study of twelfthcentury humanism

from these beginnings openings of fifty major literary works

from rock to fireworks

frommers 1996 official guide to atlanta and the olympic summer games

frommers canada 1992-1993

from the inside out radical gender transformation ftm and beyond

from phila with love hachland hill recipes

frontier crossroads the evolution of newport vermont

from these green heights

from sounds to words

Everfi Answers For Each Final Quiz:

toyota corolla runx dba nze121 2006 4 nippon vehicles - Dec 26 2021

web toyota corolla runx dba nze121 2006 4 japanese used cars for sale jdm cars certified cars from auction nippon vehicles manuals toyota - Mar 09 2023

web aug 14 2023 many toyota owner publications such as owner s manuals navigation manuals and warranty and maintenance guides can be found online on my toyota

toyota dba nze 121 2006 automatic manual pdf - Oct 04 2022

web jul 4 2023 toyota dba nze 121 2006 automatic manual pdf yeah reviewing a ebook toyota dba nze 121 2006 automatic manual pdf could accumulate your close

owner s manual for nze 121 toyota owners club - Aug 14 2023

web oct 23 2007 posted october 23 2007 dear all i m new to this forum grateful if anyone can indicate to me where i could download resources owner s manual wiring

download toyota dba nze 121 2015 automatique manuel - Nov 24 2021

web nov 28 2020 toyota dba nze 121 2015 automatique manuel nze service manual toyota corolla nze service repair manual if you need a repair manual for your toyota

toyota dba nze 121 2006 automatic manual download only - Feb 25 2022

web the enigmatic realm of toyota dba nze 121 2006 automatic manual unleashing the language is inner magic in a fast paced digital era where connections and knowledge

toyota dba nze 121 20automatic manual pdf forms imcost edu - Sep 03 2022

web toyota dba nze 121 20automatic manual is one of the best book in our library for free trial we provide copy of toyota dba nze 121 20automatic manual in digital format so the

2003 toyota corolla nze 121 service repair manual - Apr 29 2022

web if you need a repair manual for your toyota you ve come to the right place now you can get your repair manual online in convenient digital format old paper repair manuals just

toyota dba nze 121 2006 automatic manual pdf - Jan 07 2023

web may 18 2023 you could buy guide toyota dba nze 121 2006 automatic manual pdf or acquire it as soon as feasible you could quickly download this toyota dba nze 121

used 2006 toyota allex dba nze121 sbi motor japan - Nov 05 2022

web 2006 at toyota allex dba nze121 this 2006 toyota allex this vehicle has the following options installed airbag anti lock brakes power steering a c remote keyless

new used toyota corolla 2006 dba nze121 interior - Jan 27 2022

web be forward offer a wide range of authentic and affordable toyota corolla 2006 dba nze121 interior parts for sale both new and used interior parts for the toyota

2003 toyota corolla nze 121 pdf service repair manual - Dec 06 2022

web this 2003 toyota corolla nze 121 pdf service amp pdf repair manual will guide you through fundamentals of maintaining and repairing step by step to teach you what the

toyota corolla dba nze121 japanesecartrade com - Feb 08 2023

web aug 3 2021 it is equipped with 1496 1500cc engine and automatic transmission corolla dba nze121 was launched in japan and is fueled with petrol corolla dba nze121 has

toyota dba nze 121 2006 automatic manual - May 31 2022

web read and download toyota dba nze 121 2006 automatic manual free ebooks in pdf format onan diesel generator service manual tae sung 700 series

toyota dba nze 121 2015 automatic manual pdf fc2 - Mar 29 2022

web download here if you are searching for the book toyota dba nze 121 2015 automatic manual in pdf format then you ve come to the right site we presented the complete

new used toyota corolla 2006 dba nze121 spare parts - Jul 01 2022

web about toyota corolla 2006 dba nze121 spare parts be forward s range of toyota corolla 2006 dba nze121 new and used spare parts includes authentic

free toyota dba nze 121 2006 automatic manual - Jun 12 2023

web mar 26 2023 this online publication toyota dba nze 121 2006 automatic manual can be one of the options to accompany you in imitation of having other time it will not waste

toyota dba nze 121 2015 automatic manual pdf forms iibr edu - Sep 22 2021

web toyota dba nze 121 2015 automatic manual whispering the secrets of language an psychological journey through toyota dba nze 121 2015 automatic manual in a

toyota dba nze 121 2006 automatic manual home rightster com - Jul 13 2023

web toyota dba nze 121 2006 automatic manual charged with a crime better check your facebook pictures zrsr sk charged with a crime better check your

toyota dba nze 121 2016 automatic manual multifileskiwi - Oct 24 2021

web toyota dba nze 121 2016 automatic manual owners manual for nze 121 wiring diagrams etc for toyata corolla nze 121 automatic thanks toyota owners club 2015 toyota dba

toyota dba nze 121 2006 automatic manual - Apr 10 2023

web aug 19 2023 toyota dba nze 121 2006 automatic manual author discussions wheelercentre com 2023 08 19 14 01 20 subject toyota dba nze 121

user manual for toyota nze gcampp licenses meras gov sa - Aug 02 2022

web june 23rd 2018 toyota dba nze 121 2006 automatic manual record stock or download off the web our on top of 12 808 manuals and ebooks is the defense why customers

toyota dba nze 121 2006 automatic manual download only - May 11 2023

web right here we have countless book toyota dba nze 121 2006 automatic manual and collections to check out we additionally meet the expense of variant types and along

amazon com terry jones barbarians terry jones movies tv - Sep 04 2022

web jan 8 2008 terry jones barbarians terry jones actor rated unrated format dvd 3 9 37 ratings imdb 7 7 10 0 dvd from 19 24 dvd january 8 2008 2 19 24 what do customers buy after viewing this item most purchased lowest pricein this set of products terry jones medieval lives terry jones 77 dvd 69 99 highest ratedin this

terry jones medieval lives wikipedia - Jun 13 2023

web terry jones barbarians terry jones medieval lives is a 2004 television documentary series produced for the bbc written and hosted by terry jones each half hour episode examines a particular medieval personality with the intent of separating myth from reality

bbc two terry jones s barbarians - Mar 10 2023

web terry jones presents a series dismantling many of the myths about the barbarian tribes showing how the roman propaganda machine was able to pull off a con trick and turn their enemies into monsters

terry jones barbarians wikipedia - Aug 15 2023

web terry jones barbarians is a 4 part tv documentary series first broadcast on bbc 2 in 2006 it was written and presented by terry jones and it challenges the received roman and roman catholic notion of the barbarian

terry jones barbarians an alternative roman history - Jun 01 2022

web paperback 22 99 2 used from 16 32 10 new from 22 99 an entertaining rewriting of roman history from the perspective of the barbarians who weren t really barbaric at all terry jones barbarians takes a completely fresh approach to roman history

terry jones barbarians İngilizce ciltli kapak amazon com tr - Dec 27 2021

web terry jones barbarians jones terry ereira alan amazon com tr Çerez tercihlerinizi seçin Çerez bildirimimizde bağlantı detaylandırıldığı üzere satın alım yapmanızı sağlamak alışveriş deneyiminizi geliştirmek ve hizmetlerimizi sunmak için gerekli olan çerezleri ve benzer araçları kullanıyoruz

terry jones barbarians an alternative roman history - Nov 06 2022

web this item terry jones barbarians an alternative roman history 16 85 16 85 only 2 left in stock ships from and sold by amazon ca sources for western society volume 1 from antiquity to the enlightenment 65 76 65 76 get it by friday aug 18 only 3 left in stock more on the way

terry jones barbarians the end of the world video dailymotion - Apr 30 2022

web apr 7 2016 terry jones barbarians the end of the world flight2016 follow around 400 ad two barbarian babies were born one would grow up to become the most feared of all attila the hun the other geiseric led the vandals whom history has cast as destroyers jones claims that roman civilization wasn t destroyed by the invasion of

giovanna castano s review of terry jones barbarians - Mar 30 2022

web jan 26 2021 5 5 book nr 1 in 2021 we always hear about westcentric or eurocentric and this the glorious roman empire is where it all started this is a non romancentric history book and i quote terry jones barbarians is about all those peoples whom the romans wrote off as uncivilized but it s also a chance to take a look at the romans themselves terry jones barbarians penguin books uk - May 12 2023

web details all editions about the authors alan ereira learn more terry jones terry jones is a writer actor comedian screenwriter film director presenter poet historian and author he is best known as a member of the monty python comedy troupe learn more

terry jones barbarians 2006 the streamable - Feb 26 2022

web is terry jones barbarians 2006 streaming on netflix disney hulu amazon prime video hbo max peacock or 50 other streaming services find out where you can buy rent or subscribe to a streaming service to watch it live or on demand find the cheapest option or how to watch with a free trial

terry jones barbarians wikiwand - Aug 03 2022

web terry jones barbarians is a 4 part tv documentary series first broadcast on bbc 2 in 2006 it was written and presented by terry jones and it challenges the received roman and roman catholic notion of the barbarian

terry jones barbarians terry jones alan ereira google books - Oct 05 2022

web terry jones barbarians terry jones alan ereira bbc 2007 barbarians 320 pages a completely fresh approach to roman history this book not only offer readers the chance to see the romans from a non roman perspective it also reveals that most of those written off by the romans as uncivilized savage and barbaric were in fact organized

terry jones barbarians an alternative roman history - Apr 11 2023

web buy terry jones barbarians an alternative roman history illustrated by ereira alan jones terry isbn 9780563539162 from amazon s book store everyday low prices and free delivery on eligible orders

terry jones barbarians an alternative roman history - Feb 09 2023

web nov 1 2007 in this new paperback edition terry and alan travel through 700 years of history on three continents bringing wit irreverence passion and the very latest scholarship to transform our view of the legacy of the roman empire terry jones barbarians terry jones alan ereira google books - Jul 02 2022

web terry jones barbarians takes a completely fresh approach to roman history this is the story of the roman empire as seen by the britons gauls germans hellenes persians and africans in place of the propaganda pushed on us by the romans well see these people as they really were

the best way to watch terry jones barbarians - Jan 28 2022

web may 26 2006 about terry jones barbarians terry jones barbarians is a 4 part tv documentary series first broadcast on bbc 2 in 2006 it was written and presented by terry jones and it challenges the received roman and roman catholic notion of the barbarian

barbarians tv mini series 2006 imdb - Jul 14 2023

web barbarians with terry jones peter heather pope benedict xvi monika miles terry jones challenges the received roman and roman catholic notion of the barbarian

terry jones barbarians jones terry 1942 free download - Dec 07 2022

web originally published 2006 published to accompany the television series terry jones barbarians produced by oxford film and television of bbc television and first broadcast on bbc2 in 2006 t p verso includes bibliographical references p 289 309 and index

terry jones barbarians alan ereira terry jones google books - Jan 08 2023

web may 27 2009 this original and fascinating study does away with the propaganda and opens our eyes to who really

established the civilized world delving deep into history terry jones and alan ereira uncover the impressive cultural and technological achievements of the celts goths persians and vandals

brooks cole serway beichner help environment harvard edu - Feb 25 2022

web apr 17 2023 brooks cole serway beichner 2 7 downloaded from uniport edu ng on april 17 2023 by guest 2021 01 13 physics for engineers and scientists hans c ohanian

ashley cole vikipedi - Jul 01 2022

web bu süper baba cole sprouse isimli sanatçının en iyi filmlerinden biri mi cole sprouse isimli sanatçının en iyi filmlerini keşfedin

brooks cole serway beichner help environment harvard edu - Apr 10 2023

web 2 brooks cole serway beichner 2020 02 27 this two volume manual features detailed solutions to 20 percent of the end of chapter problems from the text plus lists of

brooks cole serway beichner banking finance gov ie - May 11 2023

web the message brooks cole serway beichner that you are looking for it will unconditionally squander the time however below following you visit this web page it will be

brooks cole serway beichner stackdockeridp fixspec com - Jan 07 2023

web brooks cole serway beichner 3 3 the physics of musical instruments brooks cole the pendulum a case study in physics is a unique book in several ways firstly it is a

brooks cole serway beichner uniport edu ng - Jan 27 2022

web sep 18 2021 physics for scientists and engineers 2000 saunders college publishing in english 5th ed raymond a serway robert j beichner john w jewett jr

cole sprouse en ivi film ve dizileri bevazperde com - May 31 2022

web ashley cole 1 3 1 7 1 kariyer sonu son kulüp derby en fazla maçlar chelsea kariyer sonu şu tarihten beri 18 ağu 2019 imago doğum tarihi yaş 20 ara 1980 42

physics for scientists and engineers by raymond a serway - Dec 26 2021

web jun 16 2023 brooks cole serway beichner 2 6 downloaded from uniport edu ng on june 16 2023 by guest the world of physics john w jewett 2001 the mysteries magic and

brooks cole serway beichner uniport edu ng - Nov 24 2021

web 2 brooks cole serway beichner 2022 07 25 throughout every chapter the authors have built in a wide range of examples exercises and illustrations that will help you

physics for scientists and engineers raymond a serway john - Sep 03 2022

web ashley cole 1 3 1 7 1 kariyer sonu son kulüp derby en fazla maçlar chelsea kariyer sonu şu tarihten beri 18 ağu 2019 imago doğum tarihi yaş 20 ara 1980 42

brooks cole serway beichner poweredby vanspaendonck nl - Mar 09 2023

web 2 brooks cole serway beichner 2021 05 09 problems from energy use to the building of skyscrapers to projectile motion with drag he is attentive to how each discipline uses its

physics for scientists and engineers by raymond a - Jul 13 2023

web oct 23 2013 22 heat engines entropy and the second law of thermodynamics pdf owner hidden oct 23 2013 brooks cole serway beichner sql1 viewber co uk - Oct 24 2021

web 2 brooks cole serway beichner 2023 05 23 accessible coverage of fundamental physical concepts presenting a modern view of classical mechanics and electromagnetism for

brooks cole serway beichner old joniandfriends org - Oct 04 2022

web jan 1 2018 achieve success in your physics course by making the most of what serway jewett s physics for scientists and engineers has to offer from a

brooks cole serway beichner ftp bonide com - Sep 22 2021

physics for scientists and engineers volume i with student - Nov 05 2022

web brooks cole serway beichner 1 brooks cole serway beichner getting the books brooks cole serway beichner now is not type of challenging means you could not

brooks cole serway beichner stackdockeridp fixspec com - Dec $06\ 2022$

web physics for scientists and engineers volume i with student tools cd rom by serway raymond a beichner robert j isbn 10 0030269598 isbn 13 9780030269592

physics for scientists and engineers serway beichner google - Jun 12 2023

web 2 brooks cole serway beichner 2023 02 24 printed book uses the problem solving environment maple as its context with the same material covered on the accompanying

brooks cole serway beichner book cyberlab sutd edu sg - Aug 14 2023

web brooks cole serway beichner announcer jun 30 2023 the british national bibliography oct 10 2021 physics for global scientists and engineers volume 2 sep 21 2022 this

ashley cole Ünvanlar ve başarılar transfermarkt - Aug 02 2022

web ashley cole d 20 aralık 1980 stepney İngiltere sol bek mevkiinde oynayan İngiliz eski futbolcudur kulüp kariyeri daha önceleri arsenal forması giymekte olan cole

ashley cole tüm performans bilgileri transfermarkt - Apr 29 2022

web jan 27 2015 minnesota wild forward charlie coyle scores an amazing breakaway goal by stretching the puck back from behind the net of oilers goalie viktor fasth

brooks cole serway beichner ftp popcake com - Feb 08 2023

web brooks cole serway beichner 3 α michaela encyclopedia of energy α index mdpi the pendulum a case study in physics is a unique book in several ways firstly it is a

coyle scores breakaway from behind net youtube - Mar 29 2022

web brooks cole serway beichner right here we have countless books brooks cole serway beichner and collections to check out we additionally provide variant types and after