

ALGEBRA II

Formulas to Memorize for the Algebra 2 Regents

Arithmetic: Ratio of Change

$$\frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{x_2 - x_1}$$

Exponents

$$a^m \cdot a^n = a^{m+n}$$

$$\frac{a^m}{a^n} = a^{m-n}$$

$$(a^m)^n = a^{m \cdot n}$$

$$a^{-n} = \frac{1}{a^n}$$

$$a^0 = 1$$

Rationalize & Inverse Results

$$\frac{1}{\frac{1}{a}} = a$$

$$\frac{1}{\frac{1}{b}} = b$$

$$\sqrt{ab} = \sqrt{a} \cdot \sqrt{b}$$

$$\frac{\sqrt{a}}{\sqrt{b}} = \frac{\sqrt{a}}{\sqrt{b}}$$

$\sqrt{a^2}$ is (positive) $|a|$ only!

$|a|^2$ is a^2 (both positive and negative)

(Both positive and negative)

Change square roots

$$\sqrt{a^2} = |a|$$

Rationalize & Conjugate Fractions

$$\frac{1}{\sqrt{a}} = \frac{\sqrt{a}}{\sqrt{a} \cdot \sqrt{a}} = \frac{\sqrt{a}}{a}$$

Conjugate Numbers are to the left of i or to the right of $-i$ and i or to the left of $-i$ and $-i$ are to the right of i

Factoring

DOMS (or $a^2 - b^2 = (a+b)(a-b)$)

DOT (DOMS, Difference of Squares, AC Method, Factoring by Grouping)

Binomial & Theorems

$(x+y)^2$ will give the expansion of $(x+y)^2$

$(x+y)^3$ will give the expansion of $(x+y)^3$

Functions

$f(x) \cdot g(x) = f(x) \cdot g(x)$ (e.g. $f(x) = 2x+1$, $g(x) = 3x+2$)

$f(x) \cdot g(x) = f(x) \cdot g(x)$ (e.g. $f(x) = 2x+1$, $g(x) = 3x+2$)

$f(x) \cdot g(x) = f(x) \cdot g(x)$ (e.g. $f(x) = 2x+1$, $g(x) = 3x+2$)

FOILS (FOIL) (product only)

Transforming Functions

$f(x) = f(x) + a$ → shift up by a

$f(x) = f(x) - a$ → shift down by a

$f(x) = f(x + a)$ → shift left by a

$f(x) = f(x - a)$ → shift right by a

$f(x) = -f(x)$ → reflect up/down

(look on the y -axis)

$f(x) = f(-x)$ → reflect left/right

(look on the x -axis)

Quadratic Eq.

$$ax^2 + bx + c = 0$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Vertex Form

$$y = a(x-h)^2 + k$$

h is parallel to the x -axis → looking from (h, k) to (x, y)

From (h, k) to (x, y) → looking from (h, k) to (x, y)

Coordinate related parabolas

$$y = x^2 + 2x$$

$y = x^2 + 2x$ → vertex at $(-1, -1)$



Trigonometry

SOH CAH TOA

TOA SOH CAH

CAH TOA SOH



$$\sin^2 \theta + \cos^2 \theta = 1$$

$$y = A \sin(B(x-h) + k)$$

A is vertical distance to x -axis (amplitude)

B is horizontal distance to x -axis (period)

h is horizontal distance to x -axis (phase shift)

k is vertical distance to x -axis (vertical shift)

Amplitude is $|A|$, $|B|$ is 2π (period)

Algebra Ii 5 8 Study Guide

JG Myers



Algebra Ii 5 8 Study Guide:

Thank you utterly much for downloading **Algebra Ii 5 8 Study Guide**. Maybe you have knowledge that, people have look numerous period for their favorite books taking into consideration this Algebra Ii 5 8 Study Guide, but end occurring in harmful downloads.

Rather than enjoying a fine book in the manner of a mug of coffee in the afternoon, then again they juggled as soon as some harmful virus inside their computer. **Algebra Ii 5 8 Study Guide** is reachable in our digital library an online admission to it is set as public appropriately you can download it instantly. Our digital library saves in multiple countries, allowing you to acquire the most less latency era to download any of our books afterward this one. Merely said, the Algebra Ii 5 8 Study Guide is universally compatible past any devices to read.

<https://matrix.jamesarcher.co/results/virtual-library/index.jsp/cybersecurity%20basics%20novel.pdf>

Table of Contents Algebra Ii 5 8 Study Guide

1. Understanding the eBook Algebra Ii 5 8 Study Guide
 - The Rise of Digital Reading Algebra Ii 5 8 Study Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Algebra Ii 5 8 Study Guide
 - 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 Algebra Ii 5 8 Study Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Algebra Ii 5 8 Study Guide
 - Personalized Recommendations
 - Algebra Ii 5 8 Study Guide User Reviews and Ratings

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

Algebra Ii 5 8 Study Guide Introduction

In the digital age, access to information has become easier than ever before. The ability to download Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide has opened up a world of possibilities. Downloading Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide. 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 Algebra Ii 5 8 Study Guide. 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 Algebra Ii 5 8 Study Guide, 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 Algebra Ii 5 8 Study Guide has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Algebra Ii 5 8 Study Guide Books

1. Where can I buy Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide 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 Algebra Ii 5 8 Study Guide :

cybersecurity basics novel

alphabet learning workbook quick start

martial arts manual reader's choice

ebook coding manual

BookTok trending paperback

mental health awareness ultimate guide

home DIY manual quick start

public speaking skills guide primer

habit building planner blueprint

gothic fantasy novel

viral TikTok book fan favorite

myth retelling novel paperback

rhyming story collection quick start

novel gothic fantasy

young adult life skills manual book

Algebra Ii 5 8 Study Guide :

david almond argilla in italiano origin locationsciences - Apr 15 2022

2 david almond argilla in italiano 2021 05 23 a new dictionary of the english and italian languages scholastic inc in this book

without words mr crocodile gets up every morning and carefully gets ready for work but just what is his job

[david almond argilla 2013 paradiso italiano](#) - Jun 17 2022

david almond argilla 2013 formato epub nella piccola cittadina di felling è arrivato un ragazzo nuovo stephen rose ha una pelle lucida uno sguardo ossessivo ipnotico e un odore nauseante non ha genitori non ha amici sul suo conto girano molte voci

[argilla libringioco](#) - Sep 20 2022

oct 23 2014 nessuno lo rivedrà mai più la terra con cui era stato creato argilla finisce invece nel giardino di davie e ne nasceranno rose sicomori e biancospini la recensione di argilla di david almond tutto il romanzo è un mistero anzi un mistero con la m maiuscola di misteri è intriso e i misteri lo percorrono sotterraneamente dalla prima

[david almond argilla in italiano pdf cms tonpetitlook](#) - May 17 2022

2 david almond argilla in italiano 2021 09 28 different objects juxtaposing famous works with pieces by anonymous medieval craftsmen often from places peripheral to italy s more noted artistic centers the detailed descriptions provided in this volume provide a useful guide to the museum and its collection appendix with english translation

[david almond argilla in italiano smtp ablogtowatch](#) - Feb 11 2022

david almond argilla in italiano 3 3 his tiny sister michael s world changes for ever skellig won the carnegie medal and the whitbread children s book award and is now a major sky1 feature film starring tim roth and john simm david almond is also winner of the 2010 hans christian andersen award powerful and moving the guardian this

[david almond wikipedia](#) - Jun 29 2023

david almond newcastle upon tyne 15 maggio 1951 è uno scrittore inglese di cielo secret heart the fire eaters che si è aggiudicato il whitbread awards di quell anno argilla jackdaw summer e the savage uscito in italia nel 2011 con il titolo la storia di mina

argilla romanzo wikiwand - Mar 27 2023

argilla clay è un romanzo fantastico per ragazzi di david almond edito per la prima volta in lingua originale nel 2005 la prima edizione italiana è del 2010 quick facts argilla titolo originale autore 1^a ed ori

argilla di david almond salani paperback anobii - Dec 24 2022

scopri la trama e le recensioni presenti su anobii di argilla di david almond pubblicato da salani in formato paperback

[amazon it argilla almond david bartocci maurizio libri](#) - Sep 01 2023

david almond argilla copertina flessibile 18 aprile 2019 di david almond autore maurizio bartocci traduttore 4 2 24 voti visualizza tutti i formati ed edizioni formato kindle 5 99 leggi con la nostra app gratuita copertina flessibile 8 55 altro nuovo da 8 55

argilla almond david ebook epub2 con adobe drm ibs - Apr 27 2023

argilla è un ebook di almond david pubblicato da salani nella collana fuori collana a 5 99 il file è in formato epub2 con adobe drm risparmia online con le offerte ibs

libro argilla d almond salani lafeltrinelli - Jan 25 2023

acquista il libro argilla di david almond in offerta lo trovi online a prezzi scontati su la feltrinelli

david almond argilla in italiano stage gapinc - Mar 15 2022

david almond argilla in italiano story of the little mole who knew it was none of his business 30th anniversary edition the true tale of the monster billy dean

argilla david almond libro salani fuori collana ibs - Jul 31 2023

argilla è un libro di david almond pubblicato da salani nella collana fuori collana acquista su ibs a 12 35

argilla david almond libro salani 2019 gl isticipiù libreria it - Oct 22 2022

descrizione nella piccola cittadina di felling è arrivato un ragazzo nuovo stephen rose ha una pelle lucida uno sguardo ossessivo ipnotico e un odore nauseante non ha genitori non ha amici sul suo conto girano molte voci e pettegolezzi ma una cosa è certa c è qualcosa di magico nelle strane creature che stephen modella con la creta

argilla romanzo almond david salani 2010 italiano - Nov 22 2022

argilla romanzo david almond traduzione di maurizio bartocci milano salani 2010 220 p 21 cm testo 9788862560795
librinlinea

argilla romanzo wikipedia - Oct 02 2023

argilla clay è un romanzo fantastico per ragazzi di david almond edito per la prima volta in lingua originale nel 2005 la prima edizione italiana è del 2010 trama e vedo l uomo muoversi le membra si contraggono la testa si volta e guarda stephen rose negli occhi david almond argilla nella traduzione di m bartocci

argilla by david almond open library - Jul 19 2022

jun 15 2010 argilla by david almond jun 15 2010 salani edition paperback deutsch de english en español es français fr hrvatski hr italiano it portuguguês pt [] [] te Українська uk [] zh my books browse menu subjects trending library explorer lists collections k 12 student library

amazon it argilla di david almond - Aug 20 2022

seleziona la categoria in cui desideri effettuare la ricerca

argilla romanzo david almond traduzione di maurizio bartocci - May 29 2023

argilla romanzo david almond traduzione di maurizio bartocci almond david l ultima lezione di miss bixby john david anderson traduzione di maurizio bartocci anderson john david 1975 il selvaggio david almond illustrato da dave mckean

almond david skellig romano david almond traduzione di paolo antonio livorati

argilla david almond libro mondadori store - Feb 23 2023

acquista online il libro argilla di david almond in offerta a prezzi imbattibili su mondadori store

amazon co jp liebe und meer silvia tjark love thrill - Sep 10 2022

web jul 31 2016 amazon co jp liebe und meer silvia tjark love thrill german edition [][][] ross stefanie []

liebe und meer silvia tjark love thrill softcover zvab - Dec 13 2022

web liebe und meer silvia tjark love thrill von ross stefanie isbn 13 9798643955894 independently published 2020 softcover

liebe und meer silvia

liebe und meer silvia tjark love thrill german edition - Jun 07 2022

web liebe und meer silvia tjark love thrill german edition ross stefanie amazon com au books

liebe und meer silvia tjark love thrill kindle ausgabe - Oct 23 2023

web 0 00 gratis im audible probemonat von münchen nach klein wörde nur noch ein geschäftstermin trennt silvia von der obersten stufe der karriereleiter doch statt die

liebe und meer silvia tjark love thrill kindle edition - Mar 16 2023

web jul 1 2016 liebe und meer silvia tjark love thrill ebook ross stefanie amazon de kindle store

liebe und meer silvia tjark love thrill german edition - Feb 03 2022

web achetez et téléchargez ebook liebe und meer silvia tjark love thrill german edition boutique kindle littérature sentimentale amazon fr

liebe und meer annika jakob love thrill amazon de - Jan 14 2023

web liebe und meer annika jakob love thrill taschenbuch 30 juni 2020 von australien nach klein wörde annikas neuer auftrag heißt jakob johanson und führt

liebe und meer silvia tjark love thrill german edition - May 18 2023

web liebe und meer silvia tjark love thrill german edition ebook ross stefanie amazon com au kindle store

liebe und meer silvia tjark love thrill paperback - Apr 17 2023

web buy liebe und meer silvia tjark love thrill by ross stefanie online on amazon ae at best prices fast and free shipping free returns cash on delivery available

amazon com customer reviews liebe und meer silvia amp - Apr 05 2022

web find helpful customer reviews and review ratings for liebe und meer silvia tjark love thrill german edition at amazon com read honest and unbiased product reviews

liebe und meer silvia tjark love thrill paperback - Jun 19 2023

web buy liebe und meer silvia tjark love thrill by ross stefanie isbn 9798643955894 from amazon s book store everyday low prices and free delivery on

liebe und meer silvia und tjark love thrill broché amazon fr - Mar 04 2022

web liebe und meer silvia und tjark love thrill stefanie ross kristina günak amazon fr livres

liebe und meer silvia tjark love thrill paperback - Aug 21 2023

web jun 30 2020 liebe und meer silvia tjark love thrill ross stefanie amazon ca books

liebe und meer silvia und tjark love thrill taschenbuch - May 06 2022

web liebe und meer silvia und tjark love thrill stefanie ross kristina günak isbn 9783964150035 kostenloser versand für alle bücher mit versand und verkauf duch

liebe und meer silvia tjark love thrill german edition - Nov 12 2022

web jun 30 2020 liebe und meer silvia tjark love thrill german edition ross stefanie on amazon com free shipping on qualifying offers liebe und meer silvia

liebe und meer silvia tjark love thrill amazon nl - Feb 15 2023

web liebe und meer silvia tjark love thrill ross stefanie amazon nl boeken

liebe und meer silvia tjark love thrill lovelybooks - Sep 22 2023

web liebe und meer silvia tjark love thrill von stefanie ross bei lovelybooks liebesroman liebe und meer silvia tjark love thrill band 2 von stefanie

liebe und meer silvia tjark love thrill german edition - Jul 20 2023

web jul 31 2016 amazon com liebe und meer silvia tjark love thrill german edition ebook ross stefanie kindle store

liebe und meer silvia tjark love thrill german edition - Oct 11 2022

web liebe und meer silvia tjark love thrill german edition ross stefanie amazon sg books

liebe und meer silvia tjark love thrill amazon de - Jul 08 2022

web liebe und meer silvia tjark love thrill ross stefanie isbn 9798643955894 kostenloser versand für alle bücher mit versand und verkauf duch amazon

liebe und meer silvia tjark love thrill german edition - Aug 09 2022

web liebe und meer silvia tjark love thrill german edition ebook ross stefanie amazon in kindle store

physical geology 13th edition amazon com - Jul 13 2023

web charles c plummer diane h carlson lisa hammersley mcgraw hill education 2016 geology 595 pages physical geology 15th edition is the latest refinement of a

physical geology 17th edition mcgraw hill - Jan 07 2023

web isbn 9781259916823 view more textbook editions solutions for physical geology view samples chapter section problem
1tyk problem 2tyk problem 3tyk problem 4tyk

physical geology 15th edition by diane h carlson charles c plummer - Aug 02 2022

physical geology charles c plummer diane h carlson lisa - Apr 10 2023

web mar 28 2016 files for physical geology 15th edition by diane h carlson charles c plummer lisa hammer

physical geology 13th revised edition by plummer charles - Oct 24 2021

physical geology plummer charles carlos - Nov 24 2021

physical geology plummer 13th edition harvard university - May 31 2022

physical geology 17th edition textbooks com - Feb 25 2022

physical geology by charles c plummer open library - Sep 03 2022

web jan 1 2009 physical geology 13th edition is the latest refinement of a classic introductory text that has helped countless students learn basic physical geology

physical geology 13th edition rent 9780077270667 - Dec 06 2022

web isbn13 9781266075285 isbn10 1266075283 by plummer cover type loose leaf edition 17th 22 copyright 2022 publisher
vitalsource technologies inc published

[physical geology plummer charles c free](#) - Jun 12 2023

web physical geology earth revealed is appropriate for introductory physical geology classes this text which includes the same information as the market leading physical

physical geology 13th edition plummer pdf ams istanbul edu - Apr 29 2022

physical geology open textbook library - Feb 08 2023

web physical geology 13th edition is the latest refinement of a classic introductory text that has helped countless students learn basic physical geology concepts for over 25 years

physical geology charles c plummer free - Mar 09 2023

web combo physical geology with connectgeology access card charles carlos plummer 2009 06 19 physical geology 13th

edition is the latest refinement of a classic

physical geology plummer charles carlos carlson diane - Dec 26 2021

editions of physical geology by charles c plummer goodreads - May 11 2023

web dec 6 2022 details reviews lists related books last edited by importbot december 6 2022 history edit an edition of physical geology 1979 physical geology 5th ed by

physical geology plummer 13th edition - Jan 27 2022

physical geology by charles c plummer goodreads - Nov 05 2022

web message as skillfully as keenness of this physical geology plummer 13th edition can be taken as without difficulty as picked to act loose leaf physical geology charles

physical geology 17 plummer charles carlos c - Oct 04 2022

web jan 6 2015 hundreds of carefully rendered illustrations and accompanying photographs correlate perfectly with the chapter descriptions to help readers quickly grasp new

physical geology plummer charles carlos - Jul 01 2022

physical geology 16th edition textbook solutions bartleby - Mar 29 2022

physical geology plummer charles c 1937 author - Aug 14 2023

web jan 1 2009 physical geology paperback published january 1st 2009 by mcgraw hill science engineering 13th edition paperback 644 pages more details want to read