

Sing Yin Secondary School
First Term Examination, 2013 – 2014
Mathematics I

Form 3
Full marks: 100

Time allowed: 1.5 hours

- Answer ALL questions.
- Unless otherwise specified, all working must be clearly shown.
- The diagrams in this paper are not necessarily drawn to scale.
- Unless otherwise specified, numerical answers should either be exact or correct to 3 significant figures.

1. Convert 2 846 into a hexadecimal number. Show your steps. (3 marks)

2. Rationalize $\frac{2}{\sqrt{3}-1}$. (3 marks)

3. Simplify $\frac{\sqrt[3]{xy^2}}{xy^{-3}}$ and express the answer with positive indices. (4 marks)

4. Simplify $\sqrt{15}(\sqrt{12} + \sqrt{3})$. (4 marks)

5. Express $1.08\bar{3}$ in the form of $\frac{a}{b}$ where a and b are positive integers. (4 marks)

6. Simplify $\frac{5 \times 10^{80}}{2.54 \times 10^{-2014} - 1.35 \times 10^{-2012}}$ and express the answer in scientific notation. (5 marks)

7. The mode and the median of five integers a, b, c, d and e are 4 and 7 respectively, where $a \leq b \leq c \leq d \leq e$.

(a) Write down the values of a, b and c .

(b) Given that the mean of a, b, c, d and e is 6.6. Find the values of d and e .

(6 marks)

8. In the figure, $PQRS$ is a parallelogram and QT is the angle bisector of $\angle PQR$. QTU and USR are straight lines. $\angle TUS = 55^\circ$. Find $\angle UTS$.

(4 marks)



9. S3X Class was asked how many times they visited the museum last year. The mean of the number of visits is 2.6 and the results are shown in the table below:

Number of visits	1	2	3	4
Number of people	7	10	8	n

(a) Find n .

(b) Write down the median number of visits.

(c) Write down the mode(s) number of visits.

(d) If another class S3Y of 40 students was asked the same question and the overall mean number of visits for two classes was 2.48, find the mean number of visits for S3Y.

(6 marks)

10. Solve $\frac{x+5}{3} > 1-2x$ or $-x-1 \leq 0$ and represent the solution graphically. (6 marks)

11. Solve $5^x + 5^{x+1} = 750$. (4 marks)

Math Past Test Paper Unsw 113solutions

Anthony S. Fauci



Math Past Test Paper Unsw 113solutions:

This is likewise one of the factors by obtaining the soft documents of this **Math Past Test Paper Unsw 113solutions** by online. You might not require more epoch to spend to go to the ebook instigation as without difficulty as search for them. In some cases, you likewise complete not discover the pronouncement Math Past Test Paper Unsw 113solutions that you are looking for. It will totally squander the time.

However below, considering you visit this web page, it will be as a result certainly simple to get as capably as download guide Math Past Test Paper Unsw 113solutions

It will not say you will many get older as we tell before. You can attain it even though do its stuff something else at house and even in your workplace. for that reason easy! So, are you question? Just exercise just what we give below as capably as review **Math Past Test Paper Unsw 113solutions** what you in the manner of to read!

<https://splashdogs.com/About/virtual-library/default.aspx/Honda%201000%20Generator%20Owners%20Manual.pdf>

Table of Contents Math Past Test Paper Unsw 113solutions

1. Understanding the eBook Math Past Test Paper Unsw 113solutions
 - The Rise of Digital Reading Math Past Test Paper Unsw 113solutions
 - Advantages of eBooks Over Traditional Books
2. Identifying Math Past Test Paper Unsw 113solutions
 - 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 Math Past Test Paper Unsw 113solutions
 - User-Friendly Interface
4. Exploring eBook Recommendations from Math Past Test Paper Unsw 113solutions

- Personalized Recommendations
- Math Past Test Paper Unsw 113solutions User Reviews and Ratings
- Math Past Test Paper Unsw 113solutions and Bestseller Lists
- 5. Accessing Math Past Test Paper Unsw 113solutions Free and Paid eBooks
 - Math Past Test Paper Unsw 113solutions Public Domain eBooks
 - Math Past Test Paper Unsw 113solutions eBook Subscription Services
 - Math Past Test Paper Unsw 113solutions Budget-Friendly Options
- 6. Navigating Math Past Test Paper Unsw 113solutions eBook Formats
 - ePub, PDF, MOBI, and More
 - Math Past Test Paper Unsw 113solutions Compatibility with Devices
 - Math Past Test Paper Unsw 113solutions Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Math Past Test Paper Unsw 113solutions
 - Highlighting and Note-Taking Math Past Test Paper Unsw 113solutions
 - Interactive Elements Math Past Test Paper Unsw 113solutions
- 8. Staying Engaged with Math Past Test Paper Unsw 113solutions
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Math Past Test Paper Unsw 113solutions
- 9. Balancing eBooks and Physical Books Math Past Test Paper Unsw 113solutions
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Math Past Test Paper Unsw 113solutions
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Math Past Test Paper Unsw 113solutions
 - Setting Reading Goals Math Past Test Paper Unsw 113solutions
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Math Past Test Paper Unsw 113solutions

- Fact-Checking eBook Content of Math Past Test Paper Unsw 113solutions
- 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

Math Past Test Paper Unsw 113solutions Introduction

Math Past Test Paper Unsw 113solutions Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Math Past Test Paper Unsw 113solutions Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Math Past Test Paper Unsw 113solutions : This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Math Past Test Paper Unsw 113solutions : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Math Past Test Paper Unsw 113solutions Offers a diverse range of free eBooks across various genres. Math Past Test Paper Unsw 113solutions Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Math Past Test Paper Unsw 113solutions Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Math Past Test Paper Unsw 113solutions, especially related to Math Past Test Paper Unsw 113solutions, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Math Past Test Paper Unsw 113solutions, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Math Past Test Paper Unsw 113solutions books or magazines might include. Look for these in online stores or libraries. Remember that while Math Past Test Paper Unsw 113solutions, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Math Past Test Paper Unsw 113solutions eBooks for free, including popular titles. Online Retailers: Websites like Amazon,

Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Math Past Test Paper Unsw 113solutions full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of Math Past Test Paper Unsw 113solutions eBooks, including some popular titles.

FAQs About Math Past Test Paper Unsw 113solutions Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Math Past Test Paper Unsw 113solutions is one of the best book in our library for free trial. We provide copy of Math Past Test Paper Unsw 113solutions in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Math Past Test Paper Unsw 113solutions. Where to download Math Past Test Paper Unsw 113solutions online for free? Are you looking for Math Past Test Paper Unsw 113solutions PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Math Past Test Paper Unsw 113solutions. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Math Past Test Paper Unsw 113solutions are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You

will also see that there are specific sites catered to different product types or categories, brands or niches related with Math Past Test Paper Unsw 113solutions. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Math Past Test Paper Unsw 113solutions To get started finding Math Past Test Paper Unsw 113solutions, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Math Past Test Paper Unsw 113solutions So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Math Past Test Paper Unsw 113solutions. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Math Past Test Paper Unsw 113solutions, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Math Past Test Paper Unsw 113solutions is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Math Past Test Paper Unsw 113solutions is universally compatible with any devices to read.

Find Math Past Test Paper Unsw 113solutions :

~~honda 1000 generator owners manual~~

~~honda accord 2007 manual find~~

~~homme racvoltac l albert camus~~

~~honda aquatrax motor diagram~~

~~honda accord service manual 2008 v6~~

~~honda c70 service manual parts catalogue 1980 1982~~

homer and tippy a kitty tale

honda accord fuse box location 2004

~~honda accord 2001 repair manual~~

~~honda 250 sx owner manual~~

~~honda 13 hp engine manual~~

~~honda 20 outboard for sale~~

honda arx1200t3 owners manual

honda bf23 owners manual

honda aquatrax f15x owners manual

Math Past Test Paper Unsw 113solutions :

eyelid conjunctival and orbital tumors an atlas and textbook - Nov 22 2022

written by world renowned authorities in ocular oncology at the wills eye institute this

atlas of eyelid and conjunctival tumors open library - Mar 15 2022

dec 15 2007 this thoroughly updated edition combines the content of atlas of eyelid and

eyelid conjunctival and orbital tumors an atlas and textbook - Oct 22 2022

dec 1 2000 both patients underwent excisional biopsy and cryotherapy of the eyelid tumors

eyelid conjunctival and orbital tumors an atlas and text - Feb 11 2022

dec 1 2001 m a gamulescu article total upper eyelid reconstruction may 1999 european

atlas of eyelid and conjunctival tumors gbv - Jan 25 2023

this volume provides the examination techniques classification and differential diagnosis of

eyelid conjunctival and orbital tumors an atlas and textbook and - Jul 19 2022

atlas of eyelid and conjunctival tumors shields jerry a free download borrow and

eyelid conjunctival and orbital tumors atlas and textbook - May 17 2022

dec 1 1999 handheld in vivo reflectance confocal microscopy for the diagnosis of eyelid

atlas of eyelid and conjunctival tumors abstract europe pmc - Apr 15 2022

jan 6 2023 atlas of eyelid and conjunctival tumors by jerry a shields 1999 lippincott

clinical ophthalmic oncology eyelid and conjunctival tumors - Dec 24 2022

apr 15 2021 eyelid conjunctival and orbital tumors an atlas and textbook third edition

atlas of eyelid and conjunctival tumors atlas of intraocular - Nov 10 2021

atlas of eyelid and conjunctival tumors amazon com - Dec 12 2021

atlas of eyelid and conjunctival tumors request pdf - Sep 20 2022

oct 9 2017 eyelid conjunctival and orbital tumors an atlas and textbook third edition

atlas of eyelid and conjunctival tumors shields jerry a free - Jun 17 2022

eyelid conjunctival and orbital tumors atlas and textbook worldcat org contents eyelid

atlas of eyelid and conjunctival tumors request pdf - Jan 13 2022

atlas of eyelid and conjunctival tumors atlas of intraocular tumors and atlas of orbital

atlas of eyelid and conjunctival tumors - Apr 27 2023

atlas of eyelid and conjunctival tumors jerry a shields carol l shields google books

atlas of eyelid and conjunctival tumors journal of neuro lww - Sep 01 2023

contents the book is divided into two parts lesions of the eyelids and those of the

atlas of eyelid and conjunctival tumors google books - Mar 27 2023

about this book this atlas gives the complete expert opinion on the diagnostic features of

atlas of eyelid and conjunctival tumors jama network - Jun 29 2023

this unsurpassed ocular oncology resource is a comprehensive guide to the clinical features

pdf atlas of eyelid and conjunctival tumors researchgate - Oct 02 2023

atlas of eyelid and conjunctival tumors by jerry a shields carol l shields pp 350 101 philadelphia lippincott williams and wilkins 1999 isbn 0 7817 1915 1 this hardback full colour

eyelid conjunctival and orbital tumors an atlas and textbook - May 29 2023

this atlas is comprehensive in its coverage with 95 different disease entities of the eyelids and

eyelid conjunctival and orbital tumors an atlas and textbook - Aug 20 2022

isbn 13 978 0 7817 7581 6 companion texts eyelid conjunctival and orbital tumors and

eyelid and conjunctival tumors springer - Feb 23 2023

part 1 tumors and pseudotumors of the eyelids benign tumors of the epidermis papilloma

eyelid conjunctival and orbital tumors an atlas - Jul 31 2023

the book is divided into 2 sections one covering tumors and pseudotumors of the eyelids

tattoos in singapore tattoo designs tattoo shops more - Jul 16 2023

web feb 21 2023 explore all kinds of tattoo designs at bugis tattoo body piercing the tattoo shop has three resident tattooists that specialise in many styles in black and grey plain black and colour they also do cover up tattoos

900 best tattoo designs ideas tattoo designs tattoos cool tattoos - Apr 13 2023

web tattoos for women 900 best tattoo designs ideas tattoo designs tattoos cool tattoos aug 15 2022 explore jen ashley s board tattoo designs followed by 2 161 people on pinterest see more ideas about tattoo designs tattoos cool tattoos

tattoo me now tattoo designs ideas galleries lettering - Feb 11 2023

web get ideas from our huge tattoo design collection our tattoo design gallery contains a huge ever growing collection of the type of high quality tattoo designs that are rare to find available for free online download print bring to your artist massive

collection tons of categories high resolution

200 best tattoo ideas for women in 2023 the trend spotter - Aug 17 2023

web apr 23 2023 the beauty of tattoos is that they can be personalized to reflect best your preference from simple and minimalist designs to detailed photorealistic pieces choose images that are rich in symbolism or use your body art for decorative purposes giving you confidence and making you feel powerful

70 best tattoo designs creative blog - May 14 2023

web may 27 2021 70 best tattoo designs by sammy maine last updated 27 may 2021 from rose tattoos to geometric pieces we uncover some of the best tattoo designs around page 1 of 10 flower tattoos tribal tattoos mandala tattoos dragon tattoos cross tattoos skull tattoos geometric tattoos anchor tattoos animal tattoos couples

tattoo designs royalty free images shutterstock - Jun 15 2023

web old school crying eye cloud tattoo illustration find tattoo designs stock images in hd and millions of other royalty free stock photos 3d objects illustrations and vectors in the shutterstock collection thousands of new high quality pictures added every day

thinking about inking yourself with a minimalist tattoo go to - Jan 10 2023

web sep 1 2021 8 tattoo artists in singapore to check out for yourself all the minimalist tattoo designs you want choy shi peng sp at visual orgasm tattoo studio photo source visualorgasmtattoo instagram visual orgasm has a few talented tattoo artists on its roster but for minimalist tattoo designs ask for choy shi peng who goes by sp

1 000 free tattoo design tattoo images pixabay - Mar 12 2023

web 1 000 free images of tattoo design thousands of tattoo design images to choose from free high resolution picture download royalty free images adult content safesearch 1 100 of 1 000 images next page 10 tattoo mandala design nature symbol drawing decoration skull black pattern

best tattoo ideas for men women - Oct 19 2023

web 1000 s of tattoo ideas and daily inspiration from artists around the world upload your own tattoos and share them with the world

7 tattoo styles and designs for your next work of art honeycombers - Sep 18 2023

web aug 7 2023 tattoo styles and designs you ll love 1 traditional and old school tattoos photography shawnderlin left angbaokeith right via instagram this is the type of tattoo you ll picture when you think of classic american ones steeped in history this style boasts a distinctive aesthetic in large designs

editions of cancrus supremus by ange goodreads - Jul 14 2023

web editions for cancrus supremus 2845658443 hardcover published in 2002 2302014812 hardcover published in 2010

kindle edition published in 2010 28 home my books

collège invisible le tome 01 cancrus supremus pdf scribd - Apr 11 2023

web collège invisible le tome 01 cancrus supremus read online for free scribd is the world s largest social reading and publishing site open navigation menu

le collège invisible t01 cancrus supremus goodreads - Jun 13 2023

web may 1 2002 read 3 reviews from the world s largest community for readers guillaume a douze ans des lunettes et serait un préadolescent normal s il n était pas mag

le colla ge invisible t01 cancrus supremus download only - May 12 2023

web le colla ge invisible t01 cancrus supremus malcolm morley aug 19 2021 reproductions mostly of morley s paintings grouped in 7 categories whiteness in higher education the invisible missing link in diversity and racial analyses ashe higher education report volume 42 number 6 mar 14 2021

le collège invisible t01 cancrus supremus abebooks france - Mar 30 2022

web guillaume est un cancre en magie il ne touche pas une bille alors il triche pour être le premier de la classe juste au moment où le petit peuple cherche un nouveau magicien suprême pour le délivrer du mal absolu et ils choisissent qui le premier de la classe du collège invisible guillaume quoi et là ils sont pas rendus

le colla ge invisible t01 cancrus supremus full pdf - Sep 04 2022

web le colla ge invisible t01 cancrus supremus whispering the strategies of language an psychological journey through le colla ge invisible t01 cancrus supremus in a digitally driven earth where displays reign great and immediate connection drowns out the subtleties of language the profound strategies and emotional subtleties concealed within

le collège invisible t01 cancrus supremus by ange donsimoni - Aug 03 2022

web le collège invisible t01 cancrus supremus by ange donsimoni lauren besson survey thecube gr author jochen nemetz survey thecube gr subject le collège invisible t01 cancrus supremus by ange donsimoni lauren besson survey thecube gr keywords le collge invisible t01 cancrus supremus sol jeunesse created

le collège invisible t01 cancrus supremus by ange donsimoni - Mar 10 2023

web le collge invisible t01 cancrus supremus sol jeunesse guillaume est un cancre en magie il ne touche pas une bille alors il triche pour être le premier de la classe juste au moment où le petit peuple cherche un nouveau magicien suprême pour le délivrer du mal absolu et ils choisissent qui le premier de la classe du collège invisible

le collège invisible t01 cancrus supremus google play - Feb 26 2022

web le collège invisible t01 cancrus supremus ebook written by régis donsimoni ange read this book using google play books app on your pc android ios devices download for offline reading highlight bookmark or take notes while you read le collège

invisible t01 cancrus supremus

[amazon fr le coll ge invisible tome 1 cancrus supremus](#) - Jul 02 2022

web noté 5 retrouvez le coll ge invisible tome 1 cancrus supremus by ange 2010 11 24 et des millions de livres en stock sur amazon fr achetez neuf ou d occasion





le collège invisible t01 cancrus supremus softcover abebooks - Jun 01 2022

web abebooks com le collège invisible t01 cancrus supremus 9782302014817 by donsimoni r ange and a great selection of similar new used and collectible books available now at great prices

[le collège invisible t01 cancrus supremus fnac](#) - Oct 05 2022

web cancrus supremus le collège invisible t01 ange régis donsimoni soleil des milliers de livres avec la livraison chez vous en 1 jour ou en magasin avec 5 de réduction le collège invisible t01 cancrus supremus ebook epub illustré ange régis donsimoni achat ebook fnac

le collège invisible t01 cancrus supremus  **amazon** - Feb 09 2023

web amazonle collège invisible t01 cancrus supremus  le collège invisible t01 cancrus supremus

le colla ge invisible t01 cancrus supremus pdf uniport edu - Jan 28 2022

web feb 25 2023 download and install the le colla ge invisible t01 cancrus supremus it is unconditionally easy then past currently we extend the link to buy and make bargains to download and install le colla ge invisible t01 cancrus supremus therefore simple storm the castle marry the scot 1 jolie vines 2019 03 02 come lass get on a plane with

le colla ge invisible t01 cancrus supremus jolie vines pdf - Dec 27 2021

web as this le colla ge invisible t01 cancrus supremus it ends happening instinctive one of the favored books le colla ge invisible t01 cancrus supremus collections that we have this is why you remain in the best website to see the incredible ebook to have bloodied hands adelaide forrest 2020 02 20 she s an innocent caught in the wrong

le colla ge invisible t01 cancrus supremus pdf - Dec 07 2022

web le colla ge invisible t01 cancrus supremus 3 3 in the development of foods for babies and children as well as the regulation and marketing of these food products contributors cover different aspects of food science and technology in development of baby foods making this text an unique source of information on the subject food science

le colla ge invisible t01 cancrus supremus pdf uniport edu - Nov 06 2022

web mar 19 2023 you could buy guide le colla ge invisible t01 cancrus supremus or acquire it as soon as feasible you could quickly download this le colla ge invisible t01 cancrus supremus after getting deal

[free le colla ge invisible t01 cancrus supremus](#) - Apr 30 2022

web le colla ge invisible t01 cancrus supremus how to disappear apr 23 2022 vivid surprising and utterly timely akiko busch
s how to disappear explores the idea of invisibility in nature art and science in search of a more joyful and peaceful way of
living in today s increasingly

le colla ge invisible t01 cancrus supremus pdf pdf - Jan 08 2023

web le colla ge invisible t01 cancrus supremus pdf upload arnold l murray 2 5 downloaded from networks kualumni org on
september 7 2023 by arnold l murray she s everything that matters in a world filled with evil that a woman so good and pure
should never have to see

le collège invisible t01 cancrus supremus amazon fr - Aug 15 2023

web 11 50 15 d occasion à partir de 1 79 7 neuf à partir de 10 95 guillaume a douze ans des lunettes et serait un
préadolescent normal s il n était pas magicien ou plutôt élève magicien au collège invisible dont l entrée se trouve dans le
placard à balais du lycée voltaire mais guillaume est un vrai cancre