



# basic education

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

## **SENIOR CERTIFICATE EXAMINATIONS/ NATIONAL SENIOR CERTIFICATE EXAMINATIONS**

**MATHEMATICAL LITERACY P1**

**2021**

**MARKS: 150**

**TIME: 3 hours**

**This question paper consists of 15 pages,  
1 answer sheet and an addendum with 3 annexures.**

# Mathematics Paper 1 June 2013

**Richard Bailey**



**Mathematics Paper 1 June 2013:**

Immerse yourself in the artistry of words with Experience Art with its expressive creation, Discover the Artistry of **Mathematics Paper 1 June 2013** . This ebook, presented in a PDF format ( PDF Size: \*), is a masterpiece that goes beyond conventional storytelling. Indulge your senses in prose, poetry, and knowledge. Download now to let the beauty of literature and artistry envelop your mind in a unique and expressive way.

[https://blog.gospelcrusade.org/results/uploaded-files/default.aspx/Globalization\\_Economic\\_Development\\_And\\_Inequality.pdf](https://blog.gospelcrusade.org/results/uploaded-files/default.aspx/Globalization_Economic_Development_And_Inequality.pdf)

### **Table of Contents Mathematics Paper 1 June 2013**

1. Understanding the eBook Mathematics Paper 1 June 2013
  - The Rise of Digital Reading Mathematics Paper 1 June 2013
  - Advantages of eBooks Over Traditional Books
2. Identifying Mathematics Paper 1 June 2013
  - 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 Mathematics Paper 1 June 2013
  - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematics Paper 1 June 2013
  - Personalized Recommendations
  - Mathematics Paper 1 June 2013 User Reviews and Ratings
  - Mathematics Paper 1 June 2013 and Bestseller Lists
5. Accessing Mathematics Paper 1 June 2013 Free and Paid eBooks
  - Mathematics Paper 1 June 2013 Public Domain eBooks
  - Mathematics Paper 1 June 2013 eBook Subscription Services
  - Mathematics Paper 1 June 2013 Budget-Friendly Options

6. Navigating Mathematics Paper 1 June 2013 eBook Formats
  - ePub, PDF, MOBI, and More
  - Mathematics Paper 1 June 2013 Compatibility with Devices
  - Mathematics Paper 1 June 2013 Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Mathematics Paper 1 June 2013
  - Highlighting and Note-Taking Mathematics Paper 1 June 2013
  - Interactive Elements Mathematics Paper 1 June 2013
8. Staying Engaged with Mathematics Paper 1 June 2013
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Mathematics Paper 1 June 2013
9. Balancing eBooks and Physical Books Mathematics Paper 1 June 2013
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Mathematics Paper 1 June 2013
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Mathematics Paper 1 June 2013
  - Setting Reading Goals Mathematics Paper 1 June 2013
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Mathematics Paper 1 June 2013
  - Fact-Checking eBook Content of Mathematics Paper 1 June 2013
  - 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

### **Mathematics Paper 1 June 2013 Introduction**

In the digital age, access to information has become easier than ever before. The ability to download Mathematics Paper 1 June 2013 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 Mathematics Paper 1 June 2013 has opened up a world of possibilities. Downloading Mathematics Paper 1 June 2013 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 Mathematics Paper 1 June 2013 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 Mathematics Paper 1 June 2013. 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 Mathematics Paper 1 June 2013. 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 Mathematics Paper 1 June 2013, 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 Mathematics Paper 1 June 2013 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 Mathematics Paper 1 June 2013 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. Mathematics Paper 1 June 2013 is one of the best book in our library for free trial. We provide copy of Mathematics Paper 1 June 2013 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Mathematics Paper 1 June 2013. Where to download Mathematics Paper 1 June 2013 online for free? Are you looking for Mathematics Paper 1 June 2013 PDF? This is definitely going to save you time and cash in something you should think about.

### **Find Mathematics Paper 1 June 2013 :**

*globalization economic development and inequality*

global fearon literature silver teachers resource

**globalization and regionalization**

*go away thunder*

glom gloom

go preach a primer for beginning preachers

gnomes note cards in a two-piece box

global resources challenges of interdependence

~~globalizacion comercio internacional y corrupcion~~

goalposts devotions for guys

glory enough for all the battle of the crater

global investment fund directory

*gnu textutils a set of text utilities*

**go a complete introduction to the game**

*globe fearons skills for independent living workbook*

### **Mathematics Paper 1 June 2013 :**

**9780970109767 the light la luce an introduction to creative** - Jan 15 2023

web abebooks com the light la luce an introduction to creative imagination 9780970109767 by scaligero massimo and a great selection of similar new used and collectible books available now at great prices

*loading interface goodreads* - Oct 12 2022

web discover and share books you love on goodreads

*the light la luce an introduction to creative imag massimo* - Aug 10 2022

web the light la luce an introduction to creative imag this is likewise one of the factors by obtaining the soft documents of this the light la luce an introduction to creative imag by online you might not require more epoch to spend to go to the book instigation as competently as search for them in some cases

**the light la luce an introduction to creative imagination by** - Jun 08 2022

web the light la luce massimo scaligero 9780970109767 an introduction to light and lighting book 1991 orlando fine dining italian restaurant near la luce use luce in a sentence luce sentence examples la luce alternative wellness life coaching luces definition of luces at dictionary massimo scaligero author of the light la luce an the light

the light la luce an introduction to creative imagination - Jun 20 2023

web contents darkness the leaven of lightthinking the light of the earthforces of opposition mediums metaphysical warmththe life of light freedomsense free thinkingmeditation as a path to

**the light la luce an introduction to creative imagination** - Jul 21 2023

web the light la luce an introduction to creative imagination ebook written by massimo scaligero 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 the light la luce an introduction to creative imagination

**the light la luce an introduction to creative imag 2023** - Apr 06 2022

web light la luce an introduction to creative imag as one of the most full of zip sellers here will extremely be in the midst of the best options to review boredom shanzhai and digitisation in the time of creative china jeroen de

*the light la luce an introduction to creative imag franco* - Feb 04 2022

web aug 10 2023 scaligero author of the light la luce an introduction to creative imagination teaches us how to enter and recognize the spiritual reality behind and within what we objectify as space and time those who read the secrets of space and time with meditative effort will be well rewarded with profound insights about the true nature of the

**the light la luce an introduction to creative imag wrbb neu** - Jan 03 2022

web as this the light la luce an introduction to creative imag it ends happening mammal one of the favored ebook the light la luce an introduction to creative imag collections that we have this is why you remain in the best website to see the amazing book to have

*the light la luce an introduction to creative imagination* - Dec 14 2022

web the light la luce an introduction to creative imagination scaligero massimo amazon sg books

*the light la luce an introduction to creative imagination* - Mar 17 2023

web buy the light la luce an introduction to creative imagination by scaligero massimo isbn 9780970109767 from amazon s book store everyday low prices and free delivery on eligible orders

the light la luce an introduction to creative imagination - Sep 11 2022

web items related to the light la luce an introduction to creative imagination home scaligero massimo stock image stock image view larger image the light la luce an introduction to creative imagination scaligero massimo 6 ratings by goodreads isbn 10 0970109768 isbn 13 9780970109767 published by

**the light la luce an introduction to creative imagination** - Jul 09 2022

web the light la luce is his masterpiece written as an unfolding meditation it is the expression of scaligero s travels in higher realms it shows how the primal principle the source of all being knowing and love descends instant by instant into the known world of things scaligero challenges us to learn to experience the very process of

*the light la luce an introduction to creative imagination* - Feb 16 2023

web the light la luce an introduction to creative imagination scaligero massimo amazon com au books

**the light la luce an introduction to creative imagination** - Apr 18 2023

web contents darkness the leaven of light thinking the light of the earth forces of opposition mediums metaphysical warmth the life of light freedom sense free thinking meditation as a path to creative imagination the activity of thinking dialectics and spiritual science the magical will the void the

**the light la luce an introduction to creative imagination biblio** - Nov 13 2022

web jul 1 2001 lindsayfarne books paperback good spine creases wear to binding and pages from reading may contain limited notes underlining or highlighting that does affect the text

*the light la luce an introduction to creative imagination* - May 19 2023

web jul 1 2001 the light la luce an introduction to creative imagination paperback july 1 2001 by massimo scaligero author eric l bisbocci translator 4 8 4 8 out of 5 stars 11 ratings

*the light la luce an introduction to creative imagination* - Aug 22 2023

web the light la luce an introduction to creative imagination scaligero massimo amazon com tr kitap

**the light la luce an introduction to creative imag download** - Mar 05 2022

web the costs its nearly what you obsession currently this the light la luce an introduction to creative imag as one of the most lively sellers here will extremely be along with the best options to review the light la luce an introduction to creative imag

2022 08 28 reeves vanessa reformulation and acquisition of linguistic complexity lucia ronchi

the light la luce an introduction to creative imag pdf - May 07 2022

web mar 16 2023 the light la luce an introduction to creative imag 2 10 downloaded from uniport edu ng on march 16 2023 by guest examined in their cultural contexts in relation to scholastic philosophy science and cosmology and medieval ideas about light and geometry as highlighted in the writings of robert grosseteste bishop of lincoln

beta ka itna bara lun 2022 vpn bethnalgreenventures - Apr 16 2023

web 2 beta ka itna bara lun 2022 02 14 social value system the story oscillates round a glamour struck young girl s life who was brought up with utmost love and care but whose father had to suffer ignominy at the hands of his adver saries for taking a once in lifetime bribe and being jailed for that

*beta nedir açık beta ve kapalı beta wm aracı* - Jan 13 2023

web henüz gelişim sürecini tamamlamamış olan ve geliştiriciler ile kullanıcılar tarafından sistem hatalarının bulunması rapor vermeleri için yayınlanan yazılım sürümüne beta denir beta süreçleri daima sorunlu süreçlerdir bu nedenle son kullanıcıların deneyimine uygun olarak hazırlanmamışlardır beta sürümlerini kafanızda hataları tam olarak giderilmemiş

*beta ne demek tdk ya göre beta sözlük anlamı nedir* - Jun 18 2023

web aug 27 2021 beta fransızca dilinden türkçe mize geçmiştir tdk ye göre beta kelimesi anlamı şu şekildedir yunan alfabesinin ikinci harfi

**beta berk bayındır neden öldü intihar mı etti beta mynet** - Aug 20 2023

web apr 25 2022 beta nın kaldığı evinde 8 kattan düşerek yaşamını yitirdiği öğrenildi beta nın şüpheli ölümünün ardından beta neden öldü sorusu da gündem oldu

*beta ka itna bara lun help environment harvard edu* - Jul 07 2022

web kindly say the beta ka itna bara lun is universally compatible with any devices to read lal kitab u c mahajan 2004 08 22 the lal kitab a rare book in urdu was popular in north west india pakistan iran and many other countries this english version

has added new dimensions to make it more lucid and easier to understand diwan e ghalib

*beta ka itna bara lun sql gocohospitality* - Mar 15 2023

web beta ka itna bara lun 5 5 gonzalez addresses this lacuna by exploring the operations of cross fertilization at the level of imagistic conceptualization resulting from the multifaceted encounter between the local legacy of indo persianate book art the freshly imported persian models to mughal india after 1555 and the influx of european art at

**beta ka itna bara lun pdf pdf voto unéal edu** - Jul 19 2023

web beta ka itna bara lun pdf upload dona a grant 1 1 downloaded from voto unéal edu br on august 17 2023 by dona a grant beta ka itna bara lun pdf in a digitally driven earth wherever monitors reign great and instant interaction drowns out the subtleties of language the profound secrets and emotional subtleties concealed within phrases often get

**beta ka itna bara lun pdf copy hipertexto udem edu co** - Oct 10 2022

web beta ka itna bara lun pdf if you ally compulsion such a referred beta ka itna bara lun pdf ebook that will find the money for you worth get the no question 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 then launched from best

**beta nedir beta ne demek nedir com** - Nov 11 2022

web jan 1 2017 beta kelimesinin ingilizcesi n informal beta test final testing period for new computer software before it is released on the market beta group group of users who test a program before general distribution n second letter of

**beta ka itna bara lun opendoors cityandguilds** - May 17 2023

web 2 beta ka itna bara lun 2022 09 25 angelo jordan a dictionary hindūstānī and english google play books this dictionary is a fundamental source of information on the extinct proto language of the ancient hamito semites the proto hamito semitic language and contains more than 2 500 reconstructed words study less study smart hay

**beta ka itna bara lun pdf support old xes inc** - Sep 09 2022

web perception of this beta ka itna bara lun can be taken as without difficulty as picked to act beta ka itna bara lun downloaded from support old xes inc com by guest mills jayvon the languages of the northern himalayas houghton mifflin this work has been selected by scholars as being culturally

**beta ka itna bara lun pdf 2023 nobledistractions com** - Aug 08 2022

web apr 5 2023 beta ka itna bara lun pdf yeah reviewing a book beta ka itna bara lun pdf could add your close connections listings this is just one of the solutions for you to be successful as understood execution does not recommend that you have fantastic points

*beta ka itna bara lun pdf uniport edu* - Feb 02 2022

web mar 20 2023 beta ka itna bara lun 2 10 downloaded from uniport edu ng on march 20 2023 by guest the harshacharita

banabhatta 2004 08 the harshacharita is a monu mental historical romantic fiction in akhyayika form written by banabatta in eight chapters the story in the harshacharita is not a full

**beta ka itna bara lun pdf free ieducar jaciara mt gov** - Apr 04 2022

web beta ka itna bara lun pdf upload arnold s robertson 2 3 downloaded from ieducar jaciara mt gov br on january 24 2023 by arnold s robertson suspension build your own beta what beta means considering a stock s risk investopedia may 4 2021 beta is one of the most popular indicators of risk is a statistical measure

beta ka itna bara lun old nziob org nz - Jan 01 2022

web beta ka itna bara lun 1 beta ka itna bara lun this is likewise one of the factors by obtaining the soft documents of this beta ka itna bara lun by online you might not require more epoch to spend to go to the books introduction as well as search for them in some cases you likewise complete not discover the statement beta ka itna bara lun

*beta ka itna bara lun support old xes inc* - Dec 12 2022

web getting the books beta ka itna bara lun now is not type of challenging means you could not unaccompanied going following ebook heap or library or borrowing from your contacts to right of entry them

beta ka itna bara lun pdf icapro - Mar 03 2022

web beta ka itna bara lun pdf eventually you will no question discover a additional experience and attainment by spending more cash yet when attain you understand that you require to get those all needs in the manner of having significantly cash why dont you attempt to acquire something basic in the beginning

**beta ka itna bara lun uniport edu** - May 05 2022

web may 7 2023 beta ka itna bara lun 1 7 downloaded from uniport edu ng on may 7 2023 by guest beta ka itna bara lun if you ally infatuation such a referred beta ka itna bara lun ebook that will allow you worth acquire the utterly best seller from us currently from several preferred authors if you want to comical books lots of

beta ka itna bara lun pdf uniport edu - Jun 06 2022

web beta ka itna bara lun is available in our book collection an online access to it is set as public so you can get it instantly our book servers saves in multiple countries allowing you to get the most less latency time to download

**beta ka itna bara lun vod transcode uat mediacp** - Feb 14 2023

web beta ka itna bara lun downloaded from vod transcode uat mediacp net by guest neil cassidy a dictionary hindūstānī and english houghton mifflin harcourt the buddha and his dhamma was b r ambedkar s last work published posthumously it presented a radical reorientation of buddhist thought and literature aptly called navayana

*inches fractional vs decimal equivalents the engineering toolbox* - Oct 23 2023

web feet vs inches converting chart convert from feet and inches to inches fractions and

[inch fraction decimal mm conversion chart dx engineering](#) - Sep 22 2023

web inch fraction decimal mm conversion chart inches decimal mm inches decimal mm 1 64 0 0156 0 3969 33 64 0 5156 13 0969 1 32 0 0313 0 7938 17 32 0 5313 13 4938 3 64 0 0469 1 1906 35 64 0 5469 13 8906 1 16 0 0625 1 5875 9 16 0 5625 14 2875 5 64 0 0781 1 9844 37 64 0 5781 14 6844

**fraction to decimal inches chart coolconversion** - Jul 08 2022

web this this is an usable fraction to decimal inches and millimeter conversion table see below how to use it to convert from fraction to decimal inches and decimal millimeters see also another fraction chart version and also our cm to feet and inches calculator with steps

[convert inches to mm unit converter](#) - Apr 05 2022

web instant free online tool for inch to millimeter conversion or vice versa the inch in to millimeter mm conversion table and conversion steps are also listed also explore tools to convert inch or millimeter to other length units or learn more about length conversions

[convert inches to decimal conversion of measurement units](#) - Jul 20 2023

web quick conversion chart of inches to decimal 1 inches to decimal 2 54 decimal 5 inches to decimal 12 7 decimal 10 inches to decimal 25 4 decimal 15 inches to decimal 38 1 decimal 20 inches to decimal 50 8 decimal 25 inches to decimal 63 5 decimal 30 inches to decimal 76 2 decimal 40 inches to decimal 101 6

**measurement conversion chart inches to decimals** - Feb 15 2023

web measurement conversion chart inches to decimals measurement conversion chart this chart provides the decimal equivalents for fractions of an inch print it out for quick reference click to download

**fraction decimal conversion chart the geek pub** - Jan 14 2023

web fraction decimal conversion chart inches millimeters inches millimeters 1 64 1 32 3 64 1 16 5 64 3 32 7 64 1 8 9 64 5 32 11 64 3 16 13 64 7 32 15 64 1 4 17 64 9 32 19 64 5 16 21 64 11 32 23 64 3 8 25 64 13 32 27 64 7 16 29 64 15 32 31 64 1 2 33 64 17 35 64 9 16 37 64 19 32 39 64 5 8 41 64 21 43 11 45 23 47 3 49 25 51 13 53 27 55 7 57 29 59 15

[inch converter omni calculator](#) - Jun 07 2022

web jun 30 2023 to convert inches to cm it s enough to take the number of inches you have multiply it by 30 48 if needed round the product to the desired decimal place enjoy the result of your conversion

**metric conversion chart cde** - Mar 16 2023

web millimeters 25 4 inches illimeters 25 4 inches inches millimeters 25 4 c 5 c 5 f 32 9 f 1 8 c 32c 32 capacitance f farad f farad cde com

**inch fraction calculator decimal to inches inch calculator** - Aug 21 2023

web the inch fraction to decimal and metric chart below shows equivalent length measurements in

**farwest makes it easy to convert inches to decimals** - Nov 12 2022

web decimal inch millimeters enter decimal inches or millimeters or fractions of an inch

**fractions and decimal inches equivalents the engineering toolbox** - May 18 2023

web inches fractional vs decimal equivalents the decimal equivalents of eighths sixteenths thirty seconds and sixty fourths of an inch inches vs mm conversion chart convert fractional and or decimal inches to metric mm and vice versa length online unit converter convert between length units like meters feet inches nautical miles and

*fraction decimal chart math is fun* - Apr 17 2023

web here is a chart of some commonly used fractions and their decimal equivalents these kind of fractions are often used for sizes of screws nails and thicknesses of metal etc in inches the simplest fraction is highlighted and is the one you should use example you would not talk about a 2/16 drill bit instead you would say 1/8

free decimal to fraction chart pdf mashup math - Aug 09 2022

web may 1 2020 free decimal to fraction conversion chart are you looking for an easy reference chart for making decimal to fraction conversions use the link below to download your free decimal to fraction chart as an easy to print pdf file looking to learn how to convert decimals to fractions without a chart

inches to fraction calculator - Dec 13 2022

web jun 5 2023 to convert from decimal inches to fractional inches choose a denominator d that s a power of 2 2 4 8 16 etc take the decimal part of the measurement in inches we ll call it x multiply the decimal part by the denominator x d round up your result this will be the numerator n of the fraction indicate the decimal part

inches calculator - Mar 04 2022

web inches decimal centimeters 1/16 0.0625 0.15 1/8 0.125 0.31

*inch fraction decimal mm conversion chart dx engineering* - Oct 11 2022

web inch fraction decimal mm conversion chart here s a handy inch fraction decimal conversion chart pdf file of this chart

inch fraction decimal mm conversion chart pdf 130 kb

fraction conversion chart convert inches to decimal dux - Sep 10 2022

web fraction conversion chart convert inches to decimal author dcasaletto created date 2/7/2011 12:03:35 pm

**inches vs mm conversion chart the engineering toolbox** - Jun 19 2023

web the inches fractional and decimal equivalents inches fractional vs decimal equivalents

**convert mm cm to fraction or decimal inches in mm cm** - May 06 2022

web 1 centimeter cm 10 millimeters mm convert cm to mm 1 meter 100 centimeters 1 000 millimeters 1 inch equals 2.54

centimeters cm 1 cm approximately equivalent to  $\frac{3}{8}$  inch or equals 0.393700787 inch there are two types of scales commonly used on rulers fractional and decimal