

Regents Examination in Algebra I – June 2022

Chart for Converting Total Test Raw Scores to Final Exam Scores (Scale Scores)

(Use for the June 2022 exam only.)

Raw Score	Scale Score	Performance Level
86	100	5
85	99	5
84	97	5
83	96	5
82	95	5
81	94	5
80	93	5
79	92	5
78	91	5
77	90	5
76	89	5
75	88	5
74	88	5
73	87	5
72	86	5
71	86	5
70	86	5
69	85	5
68	84	4
67	84	4
66	84	4
65	83	4
64	83	4
63	83	4
62	82	4
61	82	4
60	82	4
59	81	4
58	81	4

Raw Score	Scale Score	Performance Level
57	81	4
56	81	4
55	80	4
54	80	4
53	80	4
52	80	4
51	79	3
50	79	3
49	79	3
48	78	3
47	78	3
46	78	3
45	77	3
44	77	3
43	77	3
42	76	3
41	76	3
40	75	3
39	75	3
38	74	3
37	74	3
36	73	3
35	72	3
34	72	3
33	71	3
32	70	3
31	69	3
30	68	3
29	67	3

Raw Score	Scale Score	Performance Level
28	66	3
27	65	3
26	64	2
25	63	2
24	61	2
23	60	2
22	59	2
21	57	2
20	56	2
19	55	2
18	52	1
17	50	1
16	48	1
15	46	1
14	44	1
13	42	1
12	40	1
11	37	1
10	34	1
9	32	1
8	29	1
7	26	1
6	23	1
5	19	1
4	16	1
3	12	1
2	8	1
1	4	1
0	0	1

Nys Jan 2integrated Algebra Scoring Guide

RS Peters



Nys Jan 2integrated Algebra Scoring Guide:

Discover tales of courage and bravery in Explore Bravery with is empowering ebook, Unleash Courage in **Nys Jan 2integrated Algebra Scoring Guide** . In a downloadable PDF format (Download in PDF: *), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

<https://crm.avenza.com/data/Resources/HomePages/Searchable%2091%2097%20Factory%20Yamaha%20Venture%20480%20Repair%20Manual.pdf>

Table of Contents Nys Jan 2integrated Algebra Scoring Guide

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

6. Navigating Nys Jan 2integrated Algebra Scoring Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Nys Jan 2integrated Algebra Scoring Guide Compatibility with Devices
 - Nys Jan 2integrated Algebra Scoring Guide Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Nys Jan 2integrated Algebra Scoring Guide
 - Highlighting and Note-Taking Nys Jan 2integrated Algebra Scoring Guide
 - Interactive Elements Nys Jan 2integrated Algebra Scoring Guide
8. Staying Engaged with Nys Jan 2integrated Algebra Scoring Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Nys Jan 2integrated Algebra Scoring Guide
9. Balancing eBooks and Physical Books Nys Jan 2integrated Algebra Scoring Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Nys Jan 2integrated Algebra Scoring Guide
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Nys Jan 2integrated Algebra Scoring Guide
 - Setting Reading Goals Nys Jan 2integrated Algebra Scoring Guide
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Nys Jan 2integrated Algebra Scoring Guide
 - Fact-Checking eBook Content of Nys Jan 2integrated Algebra Scoring 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

Nys Jan 2integrated Algebra Scoring Guide Introduction

Nys Jan 2integrated Algebra Scoring Guide 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. Nys Jan 2integrated Algebra Scoring Guide Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Nys Jan 2integrated Algebra Scoring Guide : 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 Nys Jan 2integrated Algebra Scoring Guide : Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Nys Jan 2integrated Algebra Scoring Guide Offers a diverse range of free eBooks across various genres. Nys Jan 2integrated Algebra Scoring Guide Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Nys Jan 2integrated Algebra Scoring Guide Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Nys Jan 2integrated Algebra Scoring Guide, especially related to Nys Jan 2integrated Algebra Scoring Guide, 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 Nys Jan 2integrated Algebra Scoring Guide, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Nys Jan 2integrated Algebra Scoring Guide books or magazines might include. Look for these in online stores or libraries. Remember that while Nys Jan 2integrated Algebra Scoring Guide, 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 Nys Jan 2integrated Algebra Scoring Guide 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 Nys Jan 2integrated Algebra Scoring Guide 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 Nys Jan 2integrated Algebra Scoring Guide eBooks, including some popular titles.

FAQs About Nys Jan 2integrated Algebra Scoring Guide Books

1. Where can I buy Nys Jan 2integrated Algebra Scoring 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 Nys Jan 2integrated Algebra Scoring 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 Nys Jan 2integrated Algebra Scoring 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 Nys Jan 2integrated Algebra Scoring 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 Nys Jan 2integrated Algebra Scoring 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 Nys Jan 2integrated Algebra Scoring Guide :

searchable 91 97 factory yamaha venture 480 repair manual

sea of monsters study guide

sears kenmore elite refrigerator owners manual

sda adventure manual

se reconvertir comme artisan guide des meacutetiers

seadoo 2015 engine manual

sears lawn mower service manual

sears kenmore 3disposal manual

scroll excel instruction manual

sea doo js440 manual

sears kenmore instruction manual

sears tire service prices

sea world fnancial report

seadoo challenger manual

seadoo xp 650 service manual

Nys Jan 2integrated Algebra Scoring Guide :

the official pokémon website pokemon com - Dec 30 2022

web nov 6 2023 expansion sets and decks theme selection set history of son goku theme selection set history of vegeta

special anniversary box 2021 expansion set

ex crystal guardians preconstructed theme deck box of 8 - Nov 16 2021

ex crystal guardians serebii net pokémon card database - Aug 06 2023

web mar 11 2023 theme decks earth shower green cyclone storm surge the ex crystal guardians set is the fourteenth third generation set this set continued on with the

pokémon tcg sm guardians rising rising steel sun theme - Feb 17 2022

web this website is not produced by endorsed by supported by or affiliated with the pokémon company pokémon nintendo game freak creatures or wizards of the coast card

theme decks sun moon guardians rising pokemon com - Apr 21 2022

web product is brand new factory sealed minor imperfections in shrink wrap and product packaging may occur and does not qualify for a replacement any issues related to

ex crystal guardians earth shower theme deck cardmarket - Mar 01 2023

web the official pokémon website pokemon com pokemon com

ex crystal guardians tcg bulbapedia the - Jul 05 2023

web pokemon card database developed by alan site help the literal and graphical information presented on this site about pokemon including card images and card text pokemon

ex crystal guardians pokemon troll and toad - Oct 28 2022

web ex crystal guardians takes you to distant shores where more new pokemon delta species pokemon ex and pokemon live among astonishing crystals that can change

ex crystal guardians storm surge theme deck pokemon - Jan 31 2023

web aug 30 2006 can someone post me here some contains in new starter decks of crystal guardians are inthere exes thanks a lot ok what s cards are in blastoise

crystal guardians theme decks pokébeach com forums - Nov 28 2022

web geek out and get the best value on pokemon preconstructed theme decks pokemon ex crystal guardians theme deck

crystal guardians deck pokemoncard - May 03 2023

web products pokémon theme decks ex crystal guardians earth shower theme deck ex crystal guardians earth shower theme deck theme decks report a problem

theme deck tcg bulbapedia the community driven - Apr 02 2023

web theme deck barcode 820650103889 isbn 1933743204 description ex crystal guardians storm surge theme deck pokemon is a theme deckcard from the

pokémon pokémon tcg tcg ex ex crystal crystal guardians - Jul 25 2022

web may 2 2016 the sky guardian theme deck from the fates collide expansion of the pokémon trading card game predominantly focuses on fire type and fairy type

sky guardian tcg bulbapedia the community driven - May 23 2022

web pokemon crystal guardians price guide tcgplayer the tcgplayer price guide tool shows you the value of a card based on the most reliable pricing information available

pokemon ex crystal guardians theme deck green cyclone - Sep 26 2022

web 73 celio s network 74 cessation crystal complete pokémon tcg ex crystal guardians card list title ex14 cardlist indd

created date 9 7 2006 1 53 26 pm

the secrets behind how pokémon cards are made the guardian - Jan 19 2022

web theme deck box description ex crystal guardians preconstructed theme deck box of 8 decks pokemon is a theme deck boxcard from the pokemon sealed product

storm surge tcg bulbapedia the community driven - Oct 08 2023

web may 14 2022 the storm surge theme deck from the ex crystal guardians expansion of the pokémon trading card game predominantly focuses on water type and

pokemon ex crystal guardians storm surge theme deck toy - Aug 26 2022

web ex crystal guardians earth shower theme deck ex crystal guardians pokémon the online marketplace where any private and shop can buy and sell magic the

ex crystal guardians earth shower theme deck cardtrader - Jun 23 2022

web may 5 2017 hidden moon theme deck hurtling across the sky on purple wings lunala leads a fiery crew of pokémon keep your pokémon evolving and bide your time until

let s open ex crystal guardians earth shower - Jun 04 2023

web sep 17 2023 a theme deck previously known as a preconstructed theme deck is a playing deck of pokémon trading card game cards sold pre packaged alongside

pokemon ex crystal guardians theme deck collector s cache - Oct 16 2021

pokemon crystal guardians price guide tcgplayer - Mar 21 2022

web nov 1 2023 illustrators work is front and centre on pokémon cards but behind the scenes a lot more hard work goes into keeping competitive play balanced work that

green cyclone tcg bulbapedia the community driven - Sep 07 2023

web may 14 2022 the green cyclone theme deck from the ex crystal guardians expansion of the pokémon trading card game predominantly focuses on grass type pokémon

set crystal guardians pkmncards - Dec 18 2021

web store hours due to covid19 we currently do not have set retail store hours please call for our current retail store hours 913 338 2273 thank you

job hazard analysis for manlift mail digitaleconomy gov kh - Nov 24 2021

web each success bordering to the message as capably as perception of this job hazard analysis for manlift can be taken as without difficulty as picked to act

job hazard analysis for manlift copy prussd prudential com - Jan 27 2022

web all we have the funds for job hazard analysis for manlift and numerous books collections from fictions to scientific research in any way in the middle of them is this job

job safety analysis jsa page 1 of 4 university of south florida - Jan 07 2023

web job safety analysis jsa defines and controls the hazards of processes jobs and procedures jsas are systematic examinations and documentation of every task within

job hazard analysis task specific western university - Jun 12 2023

web position fall falling objects struck against action or procedure ppe use by manufacturer s instructions second trained person ensure unit safe level protected

job hazard analysis equip safe - Apr 29 2022

web proclamation as without difficulty as perspicacity of this job hazard analysis for manlift can be taken as well as picked to act job safety health 1975 accident incident

job safety analysis university of california berkeley - Sep 03 2022

web 1 unsafe operation 2 struck by falling objects 3 crushing 4 tipping or rolling over 5 falls 6 driving into bystanders other workers 7 electrocution 8 electric shock 9 slips trips

job safety analysis jsa eh s harvard university - Nov 05 2022

web task hazards controls push lift to desired location foot injury keep feet away from mechanical lift wheels injury to others be aware of others warn others who may be

plant hazard and equipment risk assessment - Oct 04 2022

web a job hazard analysis jha needs to document step by step how you are going to do a particular job not all jobs are the same are you going to paint a flagpole from a boom

manlift aerial lift job safety analysis jsa form gocanvas - May 31 2022

web c hazard a condition or practice likely to cause minor non disabling injury or illness or non disruptive property damage hazard identification operating hazards

job hazard analysis lifting moving heavy loads university of - Dec 06 2022

web plant hazard and risk assessment haulotte australia page 8 of 8 version 1a 1300 207 683 05 07 2013 risk assessment carried out by name andrew delahunt

job safety analysis jsa for lifting activity loading - Feb 08 2023

web sequence of job steps potential hazard hazard control check the intended route and point of placement slips trips falls crush injury inspect the area

job hazard analysis for manlift agenciaiojs mincyt gob ar - Sep 22 2021

pcl constructors canada inc jc wilt restoration 745 - Mar 29 2022

web job hazard analysis for manlift job hazard analysis for manlift aerial lift manlift safety equipment safety jlg jsa aerial lift english kww aerial lift and elevating

working at heights job hazard analysis jha jseasy safety - Aug 02 2022

web this job safety analysis app analyzes tasks such as preparing the work area and operating lift this app also lists hazards such as injuries to operator co workers and bystanders

saif oregon workers compensation insurance and benefits - Oct 24 2021

job hazard analysis for manlift sasho andonov copy - Feb 25 2022

web job hazard analysis for manlift the industrial environment its evaluation control healthcare hazard control and safety management occupational safety and health

job hazard analysis task specific western university - Jul 13 2023

web steve clemens mgmt approval raise lower unit as required by training dismantle remove after use potential hazards position fall falling objects struck

job hazard analysis for manlift thedoctor co ke - Dec 26 2021

web pk z 0 content types xml ËÑÂ0 e ú ubè ª ré x v ý ¼p¾ qu a l 93 ßã d fk œý ã lá º³œ mßÖg d v í ä l 7fÉÆclhmcÎæ^p óxÌÁ^ 9

manlift ops job safety analysis studylib net - Aug 14 2023

web determine the hazards associated with each job step and write them in column b hazards hazards as associated with each activity step will be identified and numbered as associated with the respective step equipment personnel and the activities that are

aerial lift office of environment health safety - Apr 10 2023

web working in manlift aerial lift task hazards controls prepare work area injuries to operator co workers and bystanders warn people in work area utilize barricades

job safety analysis portland state university - Mar 09 2023

web pre operational compression from tip over and add rows as necessary by tabbing in last field on the right my signature indicates i have reviewed the steps hazards controls

aha aerial and scissor lifts national cancer institute - Jul 01 2022

web job hazard analysis forklift move pallets loads around yard note this is just a guideline a risk assessment must be

designed for each specific forklift

[6 manlift safety tips osha manlift training](#) - May 11 2023

web jun 3 2003 abstract job safety analysis facilities services working in manlift aerial lift download word document

download google document author facilities

mathematics comprehensive textbooks programs - Jun 11 2023

web the 2011 12 alabama state textbook committee was charged with recommending acceptance or rejection of the textbooks programs algebraic connections custom pub alabama 2010 1st comap 1429262478 bfw 9 12 alabama modeling with math teaching package 2011 bridges to algebra and

curriculum guide alabama state department of education - May 10 2023

web curriculum guide to the alabama course of study mathematics iv 2016 mathematics revisions task force tonya wheeler anthony secondary math specialist amsti uab joseph m colvin special education teacher autauga county susan franklin special education teacher marshall county michele martin education specialist amsti tammy

[isbn 9781429262477 modeling with mathmatics for algebraic connections](#) - Dec 05 2022

web find 9781429262477 modeling with mathmatics for algebraic connections alabama edition by cosenza et al at over 30 bookstores buy rent or sell

15 algebraic connections mtnbrook k12 al us - Sep 14 2023

web algebraic connections is a course designed for students who wish to increase their mathematical knowledge and skills prior to enrollment in the algebra ii course or the algebra ii with trigonometry course algebraic connections expands upon the concepts of algebra i and geometry with an emphasis on applicationbased problems

alabama additional course of resources day lesson plan - Nov 04 2022

web algebraic connections pacing guide revised august 2015 page 3 day lesson plan alabama course of study objectives ccrs additional resources see attached key date a day b day 2 7 body fat percentage 1 5 10 12 form of a line gizmo slope intercept activity a 10 21 22 a day b day lab activity 2 8 plot before calculating 10

[state contract period 6 1 2021 5 31 2027 state adopted textbooks](#) - Aug 13 2023

web state contract period 6 1 2021 5 31 2027 state adopted textbooks mathematics comprehensive date 2 3 2021 5 k big ideas math modeling real life grade k online student resources alabama edition 1 yr 2022 1st ron larson and laurie boswell 9781644326428 big ideas learning 20 00 20 00 k

algebra connections 1st edition solutions and answers quizlet - Aug 01 2022

web now with expert verified solutions from algebra connections 1st edition you ll learn how to solve your toughest homework problems our resource for algebra connections includes answers to chapter exercises as well as detailed

information to walk you through the process step by step

alabama state standards for mathematics grade 11 - Sep 02 2022

web al 3 algebraic connections 3 1 algebra students will use algebraic and geometric techniques to make financial and economic decisions including those involving banking and investments insurance personal budgets credit purchases recreation and deceptive and fraudulent pricing and advertising 3 1 1

modeling with mathematics for algebraic connections alabama - Feb 07 2023

web modeling with mathematics for algebraic connections alabama teacher edition on amazon com free shipping on qualifying offers modeling with mathematics for algebraic connections alabama teacher edition

algebra connections online textbook help study com - May 30 2022

web oct 16 2023 find the corresponding chapter within our algebra connections textbook companion course watch fun videos that cover the algebra topics you need to learn or review complete the quizzes to test

algebra connections online textbook help class central - Feb 24 2022

web enhance your understanding of algebra with this 11 hour online course featuring short engaging videos that cover key concepts from the algebra connections textbook

algebraic connections alabama textbooks stage gapinc com - Apr 28 2022

web algebraic connections alabama textbooks downloaded from stage gapinc com by guest arely yates introduction to random chaos national council of teachers of mathematics incorporated the esteemed author team is back with a fourth edition of calculus graphing numerical algebraic written specifically for high school students

algebra connections mathematics for middle school teachers - Jun 30 2022

web this new approach introduces some basic concepts of number theory and modern algebra that underlie middle grade arithmetic and algebra with a focus on collaborative learning combined with

textbook review form alabama state department of - Apr 09 2023

web mathematically proficient students can explain correspondences between equations verbal descriptions tables and graphs or draw diagrams of important features and relationships graph data and search for regularity or trends

alabama state standards aligned curriculum mcgraw hill - Mar 08 2023

web explore our k 12 curriculum that s aligned to alabama course of study standards and prepares your students for success in college and career readiness

modeling with mathematics for algebraic connections alabama - Jan 06 2023

web find 9781429262484 modeling with mathematics for algebraic connections alabama teacher edition by at over 30 bookstores buy rent or sell

2016 revised alabama course of study mathematics - Oct 15 2023

web contact the standards courses of study and textbooks section alabama state department of education 3345 gordon persons building 50 north ripley street montgomery alabama 36104 or by mail to p o box 302101 montgomery alabama 36130 2101 algebraic connections

mr b s algebra connections clubtnt org - Mar 28 2022

web about algebra connections i want students to succeed and i work hard to do what i can to support their studies i have created these newsletters to review fundamental algebraic concepts and procedures and to suggest online resources that might be useful in developing mastery of algebraic skills

algebraic connections 2013 14 birmingham city schools - Jul 12 2023

web algebraic connections pacing guide revised july 2013 page 1 day number lesson plan alabama course of study objectives resources date 1 classroom rules and regulations issue books pre assessment 8 19 2 review pre assessment 8 20 3 4 8 21 1 1 wild about harry 1 2 the classroom 8 22 5 1 1 3 make me an offer 8 23 6 1 1 4

math connections a secondarymathematics core - Oct 03 2022

web standardsas a guideline and replacing traditional algebra i geometry algebra ii math connectionsblends the mathematics of algebra geometry trigonometry probability statistics and discrete mathematics as its name suggests the cur riculum bridges connections of all sorts those between different mathematical