

mathnasium math test

mathnasium math test is a crucial assessment tool used by Mathnasium learning centers to evaluate a student's current math skills and identify areas that require improvement. This diagnostic test serves as the foundation for creating a customized learning plan tailored to each student's unique needs. Understanding the structure, content, and purpose of the Mathnasium math test can help students and parents prepare effectively and set realistic expectations. The test covers a broad range of mathematical concepts from basic arithmetic to advanced problem-solving, ensuring a comprehensive evaluation. This article explores the components of the Mathnasium math test, its benefits, preparation strategies, and what to expect on test day, providing valuable insights for anyone considering enrolling in Mathnasium's programs. Additionally, tips for maximizing test performance and understanding the scoring system will be discussed to help optimize learning outcomes.

- Overview of the Mathnasium Math Test
- Structure and Content of the Test
- Purpose and Benefits of the Mathnasium Math Test
- Preparation Tips for the Mathnasium Math Test
- What to Expect on Test Day
- Understanding the Scoring and Results

Overview of the Mathnasium Math Test

The Mathnasium math test is designed to assess a student's mathematical abilities accurately and comprehensively. It is administered when a student first joins Mathnasium to gauge their strengths and weaknesses across various math topics. The test helps identify gaps in knowledge and areas where the student excels, enabling instructors to tailor instruction effectively. This diagnostic assessment is not a pass-or-fail exam but rather a tool to personalize learning. The results guide the development of an individualized learning plan that targets specific skills and concepts, promoting efficient progress. The Mathnasium math test is suitable for students of all ages and skill levels, from early elementary to high school.

Who Takes the Mathnasium Math Test?

Students enrolling in Mathnasium programs typically take the math test as part of the intake process. It is used for new students as well as those returning after a break to reassess their current abilities. The test is also helpful for students seeking to improve in specific areas such as arithmetic, algebra, geometry, or problem-solving skills. Mathnasium centers use the assessment results to ensure that instruction is appropriately challenging and supportive.

Frequency of the Math Test

While the initial math test is administered upon enrollment, periodic reassessment may occur to track progress and adjust learning plans accordingly. These follow-up evaluations help measure improvement and ensure that the student remains on the right path toward mastering essential math skills.

Structure and Content of the Test

The Mathnasium math test comprises various sections that cover a wide spectrum of mathematical topics. The assessment is structured to evaluate foundational knowledge as well as higher-level thinking skills. Typically, the test includes multiple-choice questions, short-answer problems, and sometimes written explanations to assess reasoning abilities. The content and difficulty level are tailored to the student's grade and skill level to provide an accurate measure of proficiency.

Key Math Topics Covered

The test addresses several core areas of mathematics, which often include:

- Basic Arithmetic (addition, subtraction, multiplication, division)
- Number Sense and Operations
- Fractions, Decimals, and Percentages
- Pre-Algebra and Algebra Concepts
- Geometry and Measurement
- Word Problems and Logical Reasoning
- Data Interpretation and Probability

Test Format and Duration

The format of the Mathnasium math test varies depending on the student's age and skill level but generally takes between 30 to 60 minutes to complete. The test is administered in a quiet environment, either on paper or digitally, under supervision. The adaptive nature of the test means questions may become more challenging as the student demonstrates proficiency, ensuring a precise evaluation of skill level.

Purpose and Benefits of the Mathnasium Math Test

The primary purpose of the Mathnasium math test is to diagnose a student's current math abilities comprehensively. Beyond assessment, it serves as a

foundation for crafting personalized learning experiences that maximize growth and confidence. The benefits of this test extend to students, parents, and instructors alike, making it a valuable component of the Mathnasium approach.

Personalized Learning Plans

One of the most significant advantages of the Mathnasium math test is its role in creating customized learning plans. By pinpointing specific skill gaps and areas of strength, instructors can focus tutoring efforts where they are most needed. This individualized approach accelerates learning and helps students build a solid mathematical foundation.

Tracking Progress Over Time

The math test also facilitates ongoing progress tracking. Periodic reassessments allow instructors to adjust learning plans as the student develops new skills and overcomes challenges. This data-driven approach ensures continual improvement and helps maintain motivation.

Building Confidence and Reducing Anxiety

By identifying areas needing improvement early, the Mathnasium math test helps reduce student anxiety related to math. Tailored instruction boosts confidence as students master concepts at their own pace, leading to a more positive attitude toward math overall.

Preparation Tips for the Mathnasium Math Test

Proper preparation can enhance a student's performance on the Mathnasium math test. While the test is diagnostic rather than competitive, being familiar with the types of questions and practicing core skills can reduce test anxiety and improve accuracy. Preparation should focus on reinforcing foundational math concepts and problem-solving strategies.

Review Fundamental Math Skills

Students should revisit basic arithmetic operations, fractions, decimals, and percentages to ensure fluency. Mastery of these fundamentals creates a strong base for tackling more complex problems on the test.

Practice Word Problems and Logic Questions

Since the Mathnasium math test often includes word problems that require logical reasoning, practicing these types of questions is essential. Developing skills in interpreting and solving word problems improves overall test performance.

Use Sample Questions and Practice Tests

Engaging with sample questions or practice tests similar in format to the Mathnasium math test can familiarize students with the test structure and question types. This practice builds confidence and helps manage time during the actual assessment.

Create a Relaxed Study Environment

Encouraging a calm and focused study environment helps students absorb material more effectively. Adequate rest and nutrition before the test day also contribute to optimal performance.

What to Expect on Test Day

Understanding what happens on test day can alleviate student anxiety and contribute to a smoother testing experience. The Mathnasium math test is designed to be student-friendly and supportive, administered in a low-pressure environment.

Test Administration

The test is typically conducted at the Mathnasium center under the supervision of trained staff. Instructions are clearly explained, and students have the opportunity to ask questions before beginning. The environment is quiet and free from distractions to help students concentrate.

Test Duration and Breaks

The test usually takes between half an hour to one hour, depending on the student's grade level and the test format. Short breaks may be allowed if necessary, especially for younger students, to maintain focus and reduce fatigue.

Post-Test Procedures

After completing the test, students often receive feedback about the next steps. Parents and students may be given a summary of results and an overview of the proposed learning plan tailored to the student's needs. This immediate follow-up helps set expectations and goals for the tutoring sessions ahead.

Understanding the Scoring and Results

Interpreting the results of the Mathnasium math test is essential for understanding a student's current math level and planning effective instruction. The scoring system provides detailed insights into specific skill areas and overall math proficiency.

Diagnostic Reports

The test results are compiled into a diagnostic report that highlights strengths and weaknesses across various math domains. This report serves as a roadmap for both instructors and students, identifying which topics need focused attention and which are well understood.

Individualized Skill Assessments

The scoring breaks down performance into individual skill categories, such as number operations, algebraic thinking, or geometry. This granular analysis allows for precise targeting of instruction and resource allocation.

Using Results to Set Learning Goals

Based on the test results, Mathnasium instructors set specific, measurable learning goals tailored to each student. These goals guide the instructional process, ensuring that tutoring sessions are purposeful and aligned with the student's needs.

Progress Monitoring and Reassessment

Ongoing assessments allow for tracking improvement over time. Adjustments to the learning plan are made based on updated test results, ensuring that the student continues to advance and overcome challenges effectively.

Frequently Asked Questions

What is the Mathnasium math test?

The Mathnasium math test is an assessment used by Mathnasium learning centers to evaluate a student's current math skills and identify areas for improvement.

How long does the Mathnasium math test usually take?

The Mathnasium math test typically takes about 30 to 60 minutes, depending on the student's grade level and proficiency.

What topics are covered in the Mathnasium math test?

The test covers various math topics including arithmetic, algebra, geometry, number sense, and problem-solving skills appropriate for the student's grade level.

Is the Mathnasium math test adaptive?

Yes, many Mathnasium assessments are designed to adjust question difficulty based on the student's responses to accurately assess their skill level.

How can I prepare my child for the Mathnasium math test?

To prepare, review grade-level math concepts, practice problem-solving, and ensure your child is familiar with basic arithmetic and reasoning skills.

What happens after a student completes the Mathnasium math test?

After the test, Mathnasium instructors analyze the results to create a personalized learning plan tailored to the student's strengths and weaknesses.

Is the Mathnasium math test difficult?

The difficulty of the test varies depending on the student's grade and math ability; it is designed to identify skill levels rather than to be overly challenging.

Can the Mathnasium math test be taken online?

Some Mathnasium centers offer online assessments, but availability varies by location; it's best to check with your local center.

How often should a student take the Mathnasium math test?

Students typically take the assessment at the start of their program and periodically, such as every few months, to track progress and adjust their learning plan.

Does Mathnasium charge for the math test?

Most Mathnasium centers provide the initial math assessment free of charge as part of their enrollment process, but policies may vary.

Additional Resources

1. Mathnasium Math Test Prep: Mastering Fundamental Concepts

This book offers comprehensive coverage of key math topics commonly found in Mathnasium assessments. It provides practice problems, step-by-step solutions, and strategies to build a strong mathematical foundation. Ideal for students preparing for initial placement tests or regular evaluations.

2. Mathnasium Challenge Workbook: Advanced Problem Solving

Designed to push students beyond basic skills, this workbook includes challenging problems that enhance critical thinking and problem-solving abilities. It focuses on algebra, geometry, and number theory to prepare learners for more advanced Mathnasium tests. Detailed explanations help students understand complex concepts.

3. Mathnasium Speed and Accuracy Drills

Speed and accuracy are crucial for success in timed Mathnasium tests. This book contains timed drills and exercises that improve calculation speed

without sacrificing accuracy. It is perfect for students looking to boost their confidence and performance under pressure.

4. *Foundations of Math: A Mathnasium Preparation Guide*

This guide focuses on building a solid understanding of arithmetic, fractions, decimals, and basic geometry. It includes diagnostic tests and tailored practice sets to identify and strengthen weak areas. The clear, concise explanations support self-study and classroom learning alike.

5. *Mathnasium Word Problems Made Easy*

Word problems are a vital component of Mathnasium assessments. This book breaks down complex word problems into manageable steps, teaching students how to interpret and solve them effectively. It covers a variety of real-life scenarios to make math relatable and engaging.

6. *Mathnasium Geometry Essentials*

Focusing specifically on geometry, this book covers shapes, angles, area, volume, and coordinate geometry. It provides visual aids and practice problems aligned with Mathnasium test standards. Perfect for students needing extra help or enrichment in geometry topics.

7. *Mathnasium Fractions and Decimals Workbook*

Fractions and decimals often challenge students, and this workbook offers targeted practice to master these topics. It includes exercises on conversion, comparison, operations, and problem-solving involving fractions and decimals. The step-by-step instructions help build confidence and accuracy.

8. *Pre-Algebra Concepts for Mathnasium Success*

This book introduces essential pre-algebra concepts such as variables, expressions, equations, and inequalities. It prepares students for the transition from basic arithmetic to more abstract mathematical thinking required in advanced Mathnasium tests. Practice problems and explanations are tailored to different learning styles.

9. *Mathnasium Test Strategies and Practice Exams*

Providing both test-taking strategies and full-length practice exams, this book helps students familiarize themselves with the format and timing of Mathnasium assessments. It includes tips on time management, question analysis, and stress reduction. Practice tests with detailed answer keys enable effective self-evaluation.

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mathnasium math test: *Hyper Education* Pawan Dhingra, 2021-09-07 An up-close look at the education arms race of after-school learning, academic competitions, and the perceived failure of even our best schools to educate children Beyond soccer leagues, music camps, and drama lessons, today's youth are in an education arms race that begins in elementary school. In Hyper Education,

Pawan Dhingra uncovers the growing world of high-achievement education and the after-school learning centers, spelling bees, and math competitions that it has spawned. It is a world where immigrant families vie with other Americans to be at the head of the class, putting in hours of studying and testing in order to gain a foothold in the supposed meritocracy of American public education. A world where enrichment centers, like Kumon, have seen 194 percent growth since 2002 and target children as young as three. Even families and teachers who avoid after-school academics are getting swept up. Drawing on over 100 in-depth interviews with teachers, tutors, principals, children, and parents, Dhingra delves into the why people participate in this phenomenon and examines how schools, families, and communities play their part. Moving past Tiger Mom stereotypes, he addresses why Asian American and white families practice what he calls hyper education and whether or not it makes sense. By taking a behind-the-scenes look at the Scripps National Spelling Bee, other national competitions, and learning centers, Dhingra shows why good schools, good grades, and good behavior are seen as not enough for high-achieving students and their parents and why the education arms race is likely to continue to expand.

mathnasium math test: *Disillusioned* Benjamin Herold, 2024-01-23 Astonishingly important.” —Alex Kotlowitz, *The Atlantic* Through the stories of five American families, a masterful and timely exploration of how hope, history, and racial denial collide in the suburbs and their schools Outside Atlanta, a middle-class Black family faces off with a school system seemingly bent on punishing their teenage son. North of Dallas, a conservative white family relocates to an affluent suburban enclave, but can’t escape the changes sweeping the country. On Chicago’s North Shore, a multiracial mom joins an ultraprogressive challenge to the town’s liberal status quo. In Compton, California, whose suburban roots are now barely recognizable, undocumented Hispanic parents place their gifted son’s future in the hands of educators at a remarkable elementary school. And outside Pittsburgh, a Black mother moves to the same street where author Benjamin Herold grew up, then confronts the destructive legacy left behind by white families like his. *Disillusioned* braids these human stories together with penetrating local and national history to reveal a vicious cycle undermining the dreams upon which American suburbia was built. For generations, upwardly mobile white families have extracted opportunity from the nation’s heavily subsidized suburbs, then moved on before the bills for maintenance and repair came due, leaving the mostly Black and Brown families who followed to clean up the ensuing mess. But now, sweeping demographic shifts and the dawning realization that endless expansion is no longer feasible are disrupting this pattern, forcing everyday families to confront a truth their communities were designed to avoid: The suburban lifestyle dream is a Ponzi scheme whose unraveling threatens us all. How do we come to terms with this troubled history? How do we build a future in which all children can thrive? Drawing upon his decorated career as an education journalist, Herold explores these pressing debates with expertise and perspective. Then, alongside Bethany Smith—the mother from his old neighborhood, who contributes a powerful epilogue to the book—he offers a hopeful path toward renewal. The result is nothing short of a journalistic masterpiece.

mathnasium math test: *Jump-Starting Boys* Pam Withers, 2013-06-17 Everyone knows that boys are falling behind in education. Largely left out of the discussion are parents of boys, who are most aware that their bright, eager sons hit an invisible wall somewhere near fourth grade, after which they become disengaged, discouraged, and disaffected. There are dozens of books on underachieving boys, but most parents brave enough to lift one off the shelf are instantly intimidated by the footnotes, graphs, case studies, and academic-speak addressed almost entirely to educators. What about the average guilt-ridden, frustrated mother or father of an underachieving boy? *Jump-Starting Boys* is the first book on the market that empowers parents, helping them reclaim the duties and rewards of raising their children and navigate the influences of school and media. Filled with reassurance and support, the authors turn fear and guilt into can-do confidence. Through easy tips and action list sidebars, this is the most practical, readable book on the topic.

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mathnasium math test: Engaging the Families of ELs and Immigrants Renee Rubin, Michelle H. Abrego, John A. Sutterby, 2021-09-09 Learn how to engage the diverse families of English learners (ELs) and immigrants with the effective, practical approaches in this book. This must-have resource for teachers and school leaders is packed with fresh ideas geared toward building a partnership between school communities and ELs and immigrant families at school and at home. The book includes information and activities to: Assess current practices Investigate family perceptions and expectations Overcome challenges Improve communication Fund family engagement Fully revised and up-to-date, the new edition shines a much-needed spotlight on immigrant families from numerous homelands and includes a chapter on schools and organizations that have applied many of the ideas in the book for successful partnerships. New online resources include 20 new activities to complement the book chapters, over 50 annotated websites, and additional book recommendations to provide insight into the immigrant experience. The support materials can be found at routledge.com/9780367607548. Organized with the busy educator in mind, the book can be read straight through or section by section to best fit your specific needs. As the demographics of America's schools continue to grow and change, this book guides you to building an inclusive school community in which every family can thrive!

mathnasium math test: Prepare for the AFOQT Math Test in 7 Days Reza Nazari, Ava Ross, 2019-08-05 The absolute best book to prepare for the AFOQT Math test quickly! Prepare for the AFOQT Math Test in 7 Days, which reflects the 2019 and 2020 test guidelines and topics, incorporates the best method and the right strategies to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat AFOQT Math test quickly. This quick study guide contains only the most important and critical math concepts a student will need in order to succeed on the AFOQT Math test. Math concepts in this book break down the topics, so the material can be quickly grasped. Examples are worked step-by-step to help you learn exactly what to do. This AFOQT Math new edition has been updated to duplicate questions appearing on the most recent AFOQT Math tests. It contains easy-to-read essential summaries that highlight the key areas of the AFOQT Math test. You only need to spend about 3 - 5 hours daily in your 7-day period in order to achieve your goal. After reviewing this book, you will have solid foundation and adequate practice that is necessary to fully prepare for the AFOQT Math. Prepare for the AFOQT Math Test in 7 Days is for all AFOQT test takers. It is a breakthrough in Math learning — offering a winning formula and the most powerful methods for learning basic Math topics confidently. Each section offers step-by-step instruction and helpful hints, with a few topics being tackled each day. Inside the pages of this comprehensive book, students can learn math topics in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Content 100% aligned with the 2019-2020 AFOQT test Written by AFOQT Math tutors and test experts Complete coverage of all AFOQT Math concepts and topics which you will be tested Step-by-step guide for all AFOQT Math topics Dynamic design and easy-to-follow activities Over 600 additional AFOQT Math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you can focus on your weak areas 2 full-length practice tests (featuring new question types) with detailed answers Effortlessly and confidently follow the step-by-step instructions in this book to prepare for the AFOQT Math in a short period of time. Prepare for the AFOQT Math Test in 7 Days is the only book you'll ever need to master Basic Math topics! It can be used as a self-study course - you do not need to work with a Math tutor. (It can also be used with a Math tutor). Ideal for self-study as well as for classroom usage. Get a copy today and see how fast you will prepare for the test with the AFOQT Math in 7 Days! Published By: Effortless Math Education www.EffortlessMath.com

mathnasium math test: 5 Full-Length PERT Math Practice Tests Ava Ross, Reza Nazari, 2020-03-08 This book is your ticket to ace the PERT Math Test! 5 Full-Length PERT Math Practice Tests, which reflects the 2019 and 2020 test guidelines and topics, is designed to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to ace the PERT Math Test. The realistic and full-length PERT Math tests show you how the test is structured

and what math topics you need to master. The practice test questions are followed by answer explanations to help you find your weak areas, learn from your mistakes, and raise your PERT Math score. The surest way to succeed on PERT Math Test is with intensive practice in every math topic tested-- and that's what you will get in 5 Full-Length PERT Math Practice Tests. This PERT Math new edition has been updated to replicate questions appearing on the most recent PERT Math tests. This is a precious learning tool for PERT Math test takers who need extra practice in math to improve their PERT Math score. After taking the PERT Math practice tests in this book, you will have solid foundation and adequate practice that is necessary to succeed on the PERT Math test. This book is your ticket to ace the PERT Math! 5 Full-Length PERT Math Practice Tests contains many exciting and unique features to help you improve your test scores, including: Content 100% aligned with the 2019 - 2020 PERT test Written by PERT Math tutors and test experts Complete coverage of all PERT Math concepts and topics which you will be tested Detailed answers and explanations for every PERT Math practice questions to help you learn from your mistakes 5 full-length practice tests (featuring new question types) with detailed answers This PERT Math book and other Effortless Math Education books are used by thousands of students each year to help them review core content areas, brush-up in math, discover their strengths and weaknesses, and achieve their best scores on the PERT test. Get ready for the PERT Math Test with a PERFECT test book! Published By: Effortless Math Education www.EffortlessMath.com

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mathnasium math test: Ace the AFOQT Math in 30 Days Reza Nazari, Ava Ross, 2019-05-22 The only book you'll ever need to beat the AFOQT Math Test! The goal of this book is simple. It will help you incorporate the most effective method and the right strategies to prepare for the AFOQT Math test quickly and effectively. Ace the AFOQT Math in 30 Days, which reflects the 2019 test guidelines and topics, is designed to help you hone your math skills, overcome your exam anxiety, and boost your confidence -- and do your best to defeat AFOQT Math Test. This AFOQT Math new edition has been updated to replicate questions appearing on the most recent AFOQT Math tests. This is a precious learning tool for AFOQT Math test takers who need extra practice in math to improve their AFOQT Math score. After reviewing this book, you will have solid foundation and adequate practice that is necessary to ace the AFOQT Math test. This book is your ticket to ace the AFOQT Math! Ace the AFOQT Math in 30 Days provides students with the confidence and math skills they need to succeed on the AFOQT Math, providing a solid foundation of basic Math topics with abundant exercises for each topic. It is designed to address the needs of AFOQT test takers who must have a working knowledge of basic Math. Inside the pages of this comprehensive book, students can learn math topics in a structured manner with a complete study program to help them understand essential math skills. It also has many exciting features, including: Content 100% aligned with the 2019 AFOQT® test Written by AFOQT ® Math tutors and test experts Complete coverage of all AFOQT Math concepts and topics which you will be tested Step-by-step guide for all AFOQT Math topics Dynamic design and easy-to-follow activities Over 2,500 additional AFOQT math practice questions in both multiple-choice and grid-in formats with answers grouped by topic, so you

can focus on your weak areas Abundant Math skill building exercises to help test-takers approach different question types that might be unfamiliar to them Exercises on different AFOQT Math topics such as integers, percent, equations, polynomials, exponents and radicals 2 full-length practice tests (featuring new question types) with detailed answers Effortlessly and confidently follow the step-by-step instructions in this book to ace the AFOQT Math in a short period of time. AFOQT Math in 30 Days is the only book you'll ever need to master Basic Math topics! It can be used as a self-study course - you do not need to work with a Math tutor. (It can also be used with a Math tutor). You'll be surprised how fast you master the Math topics covering on AFOQT Math Test. Ideal for self-study as well as for classroom usage. Published By: Effortless Math Education www.EffortlessMath.com

mathnasium math test: AFOQT Math for Dummies Reza Nazari, 2020-06-05 Get ready to succeed on the AFOQT no matter your current understanding of math! AFOQT Math test takers' #1 Choice! Recommended by Test Prep Experts! The perfect guide for students of every level, AFOQT Math for Dummies will help you incorporate the most effective methods and all the right strategies to get ready for your AFOQT Math test! This up-to-date guide reflects the 2020 test guidelines and will set you on the right track to hone your math skills, overcome exam anxiety, and boost your confidence. Are you ready to ace the AFOQT Math test? AFOQT Math for Dummies creates confident, knowledgeable students that have all the skills they need to succeed on the AFOQT. It builds a solid foundation of mathematical concepts through easy-to-understand lessons and basic study guides. Not only does this all-inclusive workbook offer everything you will ever need to conquer the AFOQT Math test, but it also contains two full-length and realistic AFOQT Math tests that reflect the format and question types on the AFOQT to help you check your exam-readiness and identify where you need more practice. With this book, students will learn math through structured lessons, complete with a study guide for each segment to help understand and retain concepts after the lesson is complete. It includes everything from: Content 100% aligned with the 2020 AFOQT test Written by AFOQT Math tutors and test experts Complete coverage of all AFOQT Math concepts and topics on the 2020 AFOQT test Step-by-step guide for all AFOQT Math topics Over 500 additional AFOQT math practice questions in both multiple-choice and grid-in formats with answers grouped by topic (so you can focus on your weak areas) Abundant Math skills building exercises to help test-takers approach unfamiliar question types 2 full-length practice tests (featuring new question types) with detailed answers And much more! With this self-study guide, you won't need a math tutor to pave your path to success. AFOQT Math for Dummies is the only book you'll ever need to master AFOQT Math concepts and ace the AFOQT Math test! Ideal for self-study and classroom usage! Visit www.EffortlessMath.com for Online Math Practice

mathnasium math test: How Subjects of Different Demographics Respond to the Mathnasium Method of Teaching Kara A. Noble, 2018 This study set out to explore the different independent predictor variables of subjects' age, race, and gender, to analyze if they have a significant affect in determining the dependent outcome variable of subject's academic growth at a supplemental mathematics tutoring center, Mathnasium. Mathnasium is an individualized, fee based, math tutoring center that uses pre-assessment and post-assessment data to create customized learning plans for each student (Watson, 2017). Research has indicated that the Mathnasium method of teaching is very effective, however there are not many, if any, studies done on its success for subjects from different demographics (Watson, 2017). For this study, data from 43 randomly selected subjects was collected from one undisclosed Mathnasium center. This study used a multiple regression analysis to indicate whether age, race, and gender can predict a subject's mathematical learning growth. A subject's growth was determined by collecting data on their pre-test and post-test scores and calculating the difference. The results of this study indicate that gender and age have no significant affect in predicting academic mathematical growth. This study also found that Asian subjects tend to have a higher academic growth rate of about 16% more than Black, White, and Hispanic subjects. This difference may be due to the high academic expectations given in Asian cultures (Oishi and Sullivan, 2005). The Black, White, and Hispanic race do not have a significant

affect in predicting subjects' academic growth. Thus, based on the sample data, the only predictor variable found that impact subjects' mathematical academic growth at Mathnasium, is the Asian race.

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focus on the math portion of the exam, helping you master the math skills that students find the most troublesome. This is an incredibly useful tool for those who want to review all topics being covered on the AFOQT Math test. AFOQT Math Workbook contains many exciting features to help you prepare for the AFOQT Math test, including:

- Content 100% aligned with the 2019-2020 AFOQT test
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