what is substitution in algebra

what is substitution in algebra is a fundamental concept used to solve equations and simplify expressions. Substitution involves replacing a variable with a specific value or another expression, allowing for easier manipulation of mathematical problems. This technique is widely applicable in various areas of algebra, including solving linear equations, systems of equations, and polynomials. Throughout this article, we will delve into the definition of substitution, explore its applications, and provide step-by-step examples. We will also discuss its significance in algebraic problemsolving and how it can enhance understanding of mathematical relationships.

Below is the Table of Contents for this article:

- Definition of Substitution in Algebra
- How Substitution Works
- Applications of Substitution
- Examples of Substitution
- Benefits of Using Substitution in Algebra
- Common Mistakes to Avoid

Definition of Substitution in Algebra

Substitution in algebra refers to the process of replacing a variable in an expression or equation with a specific value or another expression. This technique is essential for solving equations, as it allows mathematicians and students to simplify complex problems. In algebra, variables are often used to represent unknown quantities, and through substitution, we can isolate these variables and find their values.

The concept of substitution is rooted in the idea that if we know the value of a variable, we can substitute it into an equation to simplify it further. This method is especially useful in solving systems of equations, where one equation can be substituted into another to find the solution to the entire system. Substitution can be used with any algebraic expression, including polynomials, rational expressions, and functions.

How Substitution Works

The Process of Substitution

The process of substitution generally involves the following steps:

- 1. Identify the variable you want to substitute.
- 2. Determine the value or expression that will replace that variable.
- 3. Replace the variable in the original expression or equation with the new value or expression.
- 4. Simplify the resulting expression or solve the equation as necessary.

Each of these steps plays a critical role in ensuring that the substitution process is accurate and effective. By methodically following these steps, one can avoid errors and misunderstandings that may arise during problem-solving.

Types of Substitution

There are various types of substitution methods used in algebra, including:

- Simple Substitution: Replacing a single variable with a specific number.
- Substitution in Functions: Inserting a value into a function to evaluate it.
- Substitution in Systems of Equations: Using one equation to express a variable that can be substituted into another equation.
- Back Substitution: Involving substituting back values into an expression after solving for variables.

Understanding these different types of substitution can help in selecting the appropriate method for various algebraic problems.

Applications of Substitution

Substitution is widely used in many areas of algebra and mathematics. Its primary applications include:

- **Simplifying Expressions:** Substitution can make complex algebraic expressions easier to handle.
- Solving Equations: It is a key technique in finding the values of unknown variables in equations.
- **Graphing Functions:** Substituting values can help in plotting points on graphs.
- Calculating Limits: In calculus, substitution is used to evaluate limits and integrals.

These applications illustrate the versatility and importance of substitution in mathematical problem-solving. By mastering substitution, students can enhance their capabilities in tackling a wide range of algebraic challenges.

Examples of Substitution

Example 1: Solving a Linear Equation

Consider the linear equation:

$$2x + 3 = 11$$

To solve for x using substitution, we can first isolate x:

- 1. Subtract 3 from both sides:
- 2.2x = 8
- 3. Now, divide by 2:
- 4. x = 4

In this instance, we substituted the simplified value of 8 into the equation to find that x is equal to 4.

Example 2: Solving a System of Equations

Consider the system of equations:

- 1. y = 2x + 1
- 2. 3x + 2y = 12

We can substitute the first equation into the second:

$$3x + 2(2x + 1) = 12$$

Now simplify:

- 1. 3x + 4x + 2 = 12
- 2.7x + 2 = 12
- 3.7x = 10
- 4. x = 10/7

Then, substitute x back into the first equation to find y:

$$y = 2(10/7) + 1 = 20/7 + 1 = 27/7$$

Thus, the solution to the system of equations is x = 10/7 and y = 27/7.

Benefits of Using Substitution in Algebra

Using substitution in algebra offers several advantages, including:

• **Simplification:** Substitution can simplify complex problems, making them easier to solve.

- **Clarity:** It provides a clear method for isolating variables and understanding relationships between them.
- **Efficiency:** Substitution can often lead to quicker solutions compared to other methods.
- **Versatility:** It can be applied to a wide range of algebraic problems, including polynomials and inequalities.

These benefits highlight why substitution is a crucial skill for anyone studying algebra or related fields. Mastery of substitution techniques can significantly enhance mathematical proficiency.

Common Mistakes to Avoid

While substitution is a powerful tool, there are common mistakes that students often make, including:

- Incorrect Variable Replacement: Failing to replace the correct variable can lead to erroneous results.
- **Neglecting Parentheses:** Forgetting to distribute or simplify correctly when substituting can cause mistakes.
- Overlooking Domain Restrictions: Not considering the restrictions on variable values can yield invalid solutions.
- Inconsistent Units: Mixing different units or dimensions can lead to confusion and incorrect answers.

Awareness of these common pitfalls can help learners avoid mistakes and improve their overall algebraic skills.

Conclusion

Substitution in algebra is an essential technique that allows for the simplification and solving of equations and expressions. By understanding the process, applications, and techniques associated with substitution, students can enhance their problem-solving skills and mathematical reasoning. The ability to effectively use substitution is crucial not only in algebra but also in higher-level mathematics. As students practice and apply these

concepts, they will find that substitution becomes an invaluable tool in their mathematical toolbox.

Q: What is substitution in algebra?

A: Substitution in algebra is the process of replacing a variable in an expression or equation with a specific value or another expression to simplify or solve mathematical problems.

Q: How does substitution help in solving equations?

A: Substitution allows for the isolation of variables, making it easier to solve equations by reducing complexity and enabling the direct calculation of variable values.

Q: Can substitution be used in systems of equations?

A: Yes, substitution is commonly used in systems of equations, where one equation can be substituted into another to find the values of the variables involved.

O: What are some common mistakes in substitution?

A: Common mistakes include incorrect variable replacement, neglecting parentheses, overlooking domain restrictions, and inconsistent units, all of which can lead to erroneous results.

Q: What are the benefits of using substitution in algebra?

A: The benefits of substitution include simplification of complex problems, clarity in understanding relationships, efficiency in finding solutions, and versatility in its application across various algebraic contexts.

Q: Is substitution applicable in higher mathematics?

A: Yes, substitution is applicable in higher mathematics, including calculus, where it is used for evaluating limits and integrals effectively.

Q: What types of substitution are there?

A: Types of substitution include simple substitution, substitution in functions, substitution in systems of equations, and back substitution, each serving different purposes in problem-solving.

Q: How do you perform a substitution in a function?

A: To perform a substitution in a function, you replace the independent variable (usually x) with a specific value or expression, allowing you to evaluate the function accordingly.

Q: Can substitution be used for polynomial expressions?

A: Yes, substitution can be used for polynomial expressions to simplify them or to evaluate the polynomial for specific values of the variables involved.

O: What is back substitution?

A: Back substitution is the process of substituting back calculated values into original equations or expressions to verify solutions or to find other variable values.

What Is Substitution In Algebra

Find other PDF articles:

 $\underline{http://www.speargroupllc.com/gacor1-12/pdf?dataid=QnL13-7874\&title=essential-nutrition-guide.pdf}$

what is substitution in algebra: Algebraic Methods in Philosophical Logic J. Michael Dunn, Gary Hardegree, 2001-06-28 This comprehensive text demonstrates how various notions of logic can be viewed as notions of universal algebra. It is aimed primarily for logisticians in mathematics, philosophy, computer science and linguistics with an interest in algebraic logic, but is also accessible to those from a non-logistics background. It is suitable for researchers, graduates and advanced undergraduates who have an introductory knowledge of algebraic logic providing more advanced concepts, as well as more theoretical aspects. The main theme is that standard algebraic results (representations) translate into standard logical results (completeness). Other themes involve identification of a class of algebras appropriate for classical and non-classical logic studies, including: gaggles, distributoids, partial-gaggles, and tonoids. An imporatant sub title is that logic is fundamentally information based, with its main elements being propositions, that can be understood

as sets of information states. Logics are considered in various senses e.g. systems of theorems, consequence relations and, symmetric consequence relations.

what is substitution in algebra: Step-by-step Maths Vivienne Petris Joannou, 2006 what is substitution in algebra: Math Word Problems For Dummies Mary Jane Sterling, 2008-02-05 Covers percentages, probability, proportions, and more Get a grip on all types of word problems by applying them to real life Are you mystified by math word problems? This easy-to-understand guide shows you how to conquer these tricky questions with a step-by-step plan for finding the right solution each and every time, no matter the kind or level of problem. From learning math lingo and performing operations to calculating formulas and writing equations, you'll get all the skills you need to succeed! Discover how to: * Translate word problems into plain English * Brush up on basic math skills * Plug in the right operation or formula * Tackle algebraic and geometric problems * Check your answers to see if they work

what is substitution in algebra: The Theory of Substitutions and Its Application to Algebra Eugen Netto, 1892

what is substitution in algebra: The Theory of Substitution and Its Applications to Algebra Eugen Netto, 2015-06-25 Excerpt from The Theory of Substitution and Its Applications to Algebra The presentation of the Theory of Substitutions here given differs in several essential features from that which has heretofore been customary. It will accordingly be proper in this place to state in brief the guiding principles adopted in the present work. It is unquestionable that the sphere of application of an Algorithm is extended by eliminating from its fundamental principles and its general structure all matters and suppositions not absolutely essential to its nature, and that through the general character of the objects with which it deals, the possibility of its employment in the most varied directions is secured. That the theory of the construction of groups admits of such a treatment is a guarantee for its far-reaching importance and for its future. If, on the other hand, it is a question of the application of an auxiliary method to a definitely prescribed and limited problem, the elaboration of the method will also have to take into account only this one purpose. The exclusion of all superfluous elements and the increased usefulness of the method is a sufficient compensation for the lacking, but not defective, generality. A greater efficiency is attained in a smaller sphere of action. The following treatment is calculated solely to introduce in an elementary manner an important auxiliary method for algebraic investigations. By the employment of integral functions from the outset, it is not only possible to give to the Theory of Substitutions, this operating with operations, a concrete and readily comprehended foundation, but also in many cases to simplify the demonstrations, to give the various conceptions which arise a precise form, to define sharply the principal question, and - what does not appear to be least important - to limit the extent of the work. The two comprehensive treatises on the Theory of Substitutions which have thus far appeared are those of J. A. Serret and of C. Jordan. The fourth section of the Algebre Superieure of Serret is devoted to this subject. The radical difference of the methods involved here and there hardly permitted an employment of this highly deserving work for our purposes. Otherwise with the more extensive work of Jordan, the Traite des substitutions et des equations algebriques. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

what is substitution in algebra: Universal Algebraic Logic Hajnal Andréka, Zalán Gyenis, István Németi, Ildikó Sain, 2022-11-01 This book gives a comprehensive introduction to Universal Algebraic Logic. The three main themes are (i) universal logic and the question of what logic is, (ii) duality theories between the world of logics and the world of algebra, and (iii) Tarskian algebraic logic proper including algebras of relations of various ranks, cylindric algebras, relation algebras,

polyadic algebras and other kinds of algebras of logic. One of the strengths of our approach is that it is directly applicable to a wide range of logics including not only propositional logics but also e.g. classical first order logic and other quantifier logics. Following the Tarskian tradition, besides the connections between logic and algebra, related logical connections with geometry and eventually spacetime geometry leading up to relativity are also part of the perspective of the book. Besides Tarskian algebraizations of logics, category theoretical perspectives are also touched upon. This book, apart from being a monograph containing state of the art results in algebraic logic, can be used as the basis for a number of different courses intended for both novices and more experienced students of logic, mathematics, or philosophy. For instance, the first two chapters can be used in their own right as a crash course in Universal Algebra.

what is substitution in algebra: The Theory of Substitutions and Its Applications to Algebra Eugen Netto, 1892

what is substitution in algebra: Algebra Structure Sense Development amongst Diverse Learners Teresa Rojano, 2022-06-07 This volume emphasizes the role of effective curriculum design, teaching materials, and pedagogy to foster algebra structure sense at different educational levels. Positing algebra structure sense as fundamental to developing students' broader mathematical maturity and advanced thinking, this text reviews conceptual, historical, cognitive, and semiotic factors, which influence the acquisition of algebra structure sense. It provides empirical evidence to demonstrate the feasibility of linking algebra structure sense to technological tools and promoting it amongst diverse learners. Didactic approaches include the use of adaptive digital environments, gamification, diagnostic and monitoring tools, as well as exercises and algebraic sequences of varied complexity. Advocating for a focus on both intuitive and formal knowledge, this volume will be of interest to students, scholars, and researchers with an interest in educational research, as well as mathematics education and numeracy.

what is substitution in algebra: <u>Elements of Algebra</u> Jeremiah Day, James Bates Thomson, 1844

what is substitution in algebra: Algebraic and Coalgebraic Methods in the Mathematics of Program Construction Roland Backhouse, Roy Crole, Jeremy Gibbons, 2003-07-31 Program construction is about turning specifications of computer software into implementations. Recent research aimed at improving the process of program construction exploits insights from abstract algebraic tools such as lattice theory, fixpoint calculus, universal algebra, category theory, and allegory theory. This textbook-like tutorial presents, besides an introduction, eight coherently written chapters by leading authorities on ordered sets and complete lattices, algebras and coalgebras, Galois connections and fixed point calculus, calculating functional programs, algebra of program termination, exercises in coalgebraic specification, algebraic methods for optimization problems, and temporal algebra.

what is substitution in algebra: The Theory of Substitutions and Its Application to Algebra Eugen Netto, 1892

what is substitution in algebra: Elementary Algebra Toby Wagner, 2021-05-01 Elementary Algebra provides precollege algebra students with the essentials for understanding what algebra is, how it works, and why it so useful. It is written with plain language and includes annotated examples and practice exercises so that even students with an aversion to math will understand these ideas and learn how to apply them. This textbook expands on algebraic concepts that students need to progress with mathematics at the college level, including linear models and equations, polynomials, and quadratic equations. Written by faculty at Chemeketa Community College for the students in the classroom, Elementary Algebra is a classroom-tested textbook that sets students up for success.

what is substitution in algebra: Beginners' Algebra Clarence Elmer Comstock, Mabel Sykes, 1922

what is substitution in algebra: The Complete Idiot's Guide to Algebra W. Michael Kelley, 2004 The complete hands-on, how-to guide to engineering an outstanding customer experience! Beyond Disney and Harley-Davidson - Practical, start-to-finish techniques to be used right now,

whatever is sold. Leverages the latest neuroscience to help readers assess, audit, design, implement and steward any customer experience. By Lou Carbone, CEO of Experience Engineering, Inc., the world's #1 customer experience consultancy.

what is substitution in algebra: High School Algebra Clarence Eugene Rushmer, Clarence James Dence, 1923

what is substitution in algebra: First Year in Algebra Frederick Howland Somerville, 1905 what is substitution in algebra: Linear Algebra Harold M. Edwards, 2013-11-11 In his new undergraduate textbook, Harold M. Edwards proposes a radically new and thoroughly algorithmic approach to linear algebra. Originally inspired by the constructive philosophy of mathematics championed in the 19th century by Leopold Kronecker, the approach is well suited to students in the computer-dominated late 20th century. Each proof is an algorithm described in English that can be translated into the computer language the class is using and put to work solving problems and generating new examples, making the study of linear algebra a truly interactive experience. Designed for a one-semester course, this text adopts an algorithmic approach to linear algebra giving the student many examples to work through and copious exercises to test their skills and extend their knowledge of the subject. Students at all levels will find much interactive instruction in this text while teachers will find stimulating examples and methods of approach to the subject.

what is substitution in algebra: Key to Algebraical Factors and Their Application to Various Processes in Algebra (for Beginners.). Dorabji H. Vachha, 1898

what is substitution in algebra: Computation and Combinatorics in Dynamics, Stochastics and Control Elena Celledoni, Giulia Di Nunno, Kurusch Ebrahimi-Fard, Hans Zanna Munthe-Kaas, 2019-01-13 The Abel Symposia volume at hand contains a collection of high-quality articles written by the world's leading experts, and addressing all mathematicians interested in advances in deterministic and stochastic dynamical systems, numerical analysis, and control theory. In recent years we have witnessed a remarkable convergence between individual mathematical disciplines that approach deterministic and stochastic dynamical systems from mathematical analysis, computational mathematics and control theoretical perspectives. Breakthrough developments in these fields now provide a common mathematical framework for attacking many different problems related to differential geometry, analysis and algorithms for stochastic and deterministic dynamics. In the Abel Symposium 2016, which took place from August 16-19 in Rosendal near Bergen, leading researchers in the fields of deterministic and stochastic differential equations, control theory, numerical analysis, algebra and random processes presented and discussed the current state of the art in these diverse fields. The current Abel Symposia volume may serve as a point of departure for exploring these related but diverse fields of research, as well as an indicator of important current and future developments in modern mathematics.

what is substitution in algebra: The Teaching of Algebra Sir Thomas Percy Nunn, 1914

Related to what is substitution in algebra

Substitution method review (systems of equations) - Khan Academy The substitution method is a technique for solving a system of equations. This article reviews the technique with multiple examples and some practice problems for you to try on your own

SUBSTITUTION Definition & Meaning - Merriam-Webster The meaning of SUBSTITUTION is the act, process, or result of substituting one thing for another. How to use substitution in a sentence

SUBSTITUTION definition | Cambridge English Dictionary SUBSTITUTION meaning: 1. the use of one person or thing instead of another: 2. in team games, the act of changing one. Learn more **Substitution in Algebra - Math is Fun** Substitute means to put in the place of another. In Algebra Substitution means putting numbers where the letters are

SUBSTITUTION Definition & Meaning | Substitution definition: the act of substituting or state of being substituted. See examples of SUBSTITUTION used in a sentence

substitution noun - Definition, pictures, pronunciation and usage Definition of substitution

noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more

Substitution - definition of substitution by The Free Dictionary n. 1. a. The act or process of substituting: the substitution of human workers with robots. b. An instance of this: made several substitutions to the recipe. 2. One that is substituted; a

SUBSTITUTION - Meaning & Translations | Collins English Dictionary Master the word "SUBSTITUTION" in English: definitions, translations, synonyms, pronunciations, examples, and grammar insights - all in one complete resource

Substitution: Definition and Example - Substitution in math means replacing a variable (like $x\ x$ or $y\ y$) with a specific number or expression. When we substitute, we put the number in place of the variable and then work out

substitution - Wiktionary, the free dictionary substitution (countable and uncountable, plural substitutions) The act of substituting or the state of being substituted

Substitution method review (systems of equations) - Khan Academy The substitution method is a technique for solving a system of equations. This article reviews the technique with multiple examples and some practice problems for you to try on your own

SUBSTITUTION Definition & Meaning - Merriam-Webster The meaning of SUBSTITUTION is the act, process, or result of substituting one thing for another. How to use substitution in a sentence

SUBSTITUTION definition | Cambridge English Dictionary SUBSTITUTION meaning: 1. the use of one person or thing instead of another: 2. in team games, the act of changing one. Learn more **Substitution in Algebra - Math is Fun** Substitute means to put in the place of another. In Algebra Substitution means putting numbers where the letters are

 ${\bf SUBSTITUTION\ Definition\ \&\ Meaning\ |\ } {\bf Substitution\ definition:\ } the\ act\ of\ substituting\ or\ state\ of\ being\ substituted.\ See\ examples\ of\ SUBSTITUTION\ used\ in\ a\ sentence$

substitution noun - Definition, pictures, pronunciation and usage Definition of substitution noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more

Substitution - definition of substitution by The Free Dictionary n. 1. a. The act or process of substituting: the substitution of human workers with robots. b. An instance of this: made several substitutions to the recipe. 2. One that is substituted; a

SUBSTITUTION - Meaning & Translations | Collins English Dictionary Master the word "SUBSTITUTION" in English: definitions, translations, synonyms, pronunciations, examples, and grammar insights - all in one complete resource

Substitution: Definition and Example - Substitution in math means replacing a variable (like $x\ x$ or $y\ y$) with a specific number or expression. When we substitute, we put the number in place of the variable and then work out

substitution - Wiktionary, the free dictionary substitution (countable and uncountable, plural substitutions) The act of substituting or the state of being substituted

Substitution method review (systems of equations) - Khan Academy The substitution method is a technique for solving a system of equations. This article reviews the technique with multiple examples and some practice problems for you to try on your own

SUBSTITUTION Definition & Meaning - Merriam-Webster The meaning of SUBSTITUTION is the act, process, or result of substituting one thing for another. How to use substitution in a sentence

SUBSTITUTION definition | **Cambridge English Dictionary** SUBSTITUTION meaning: 1. the use of one person or thing instead of another: 2. in team games, the act of changing one. Learn more **Substitution in Algebra - Math is Fun** Substitute means to put in the place of another. In Algebra Substitution means putting numbers where the letters are

SUBSTITUTION Definition & Meaning | Substitution definition: the act of substituting or state of being substituted. See examples of SUBSTITUTION used in a sentence

substitution noun - Definition, pictures, pronunciation and usage Definition of substitution noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more

Substitution - definition of substitution by The Free Dictionary n. 1. a. The act or process of substituting: the substitution of human workers with robots. b. An instance of this: made several substitutions to the recipe. 2. One that is substituted; a

SUBSTITUTION - Meaning & Translations | Collins English Master the word "SUBSTITUTION" in English: definitions, translations, synonyms, pronunciations, examples, and grammar insights - all in one complete resource

Substitution: Definition and Example - Substitution in math means replacing a variable (like $x\ x$ or $y\ y$) with a specific number or expression. When we substitute, we put the number in place of the variable and then work out

substitution - Wiktionary, the free dictionary substitution (countable and uncountable, plural substitutions) The act of substituting or the state of being substituted

Substitution method review (systems of equations) - Khan Academy The substitution method is a technique for solving a system of equations. This article reviews the technique with multiple examples and some practice problems for you to try on your own

SUBSTITUTION Definition & Meaning - Merriam-Webster The meaning of SUBSTITUTION is the act, process, or result of substituting one thing for another. How to use substitution in a sentence

SUBSTITUTION definition | Cambridge English Dictionary SUBSTITUTION meaning: 1. the use of one person or thing instead of another: 2. in team games, the act of changing one. Learn more **Substitution in Algebra - Math is Fun** Substitute means to put in the place of another. In Algebra Substitution means putting numbers where the letters are

SUBSTITUTION Definition & Meaning | Substitution definition: the act of substituting or state of being substituted. See examples of SUBSTITUTION used in a sentence

substitution noun - Definition, pictures, pronunciation and usage Definition of substitution noun in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more

Substitution - definition of substitution by The Free Dictionary n. 1. a. The act or process of substituting: the substitution of human workers with robots. b. An instance of this: made several substitutions to the recipe. 2. One that is substituted; a

SUBSTITUTION - Meaning & Translations | Collins English Dictionary Master the word "SUBSTITUTION" in English: definitions, translations, synonyms, pronunciations, examples, and grammar insights - all in one complete resource

Substitution: Definition and Example - Substitution in math means replacing a variable (like $x\ x$ or $y\ y$) with a specific number or expression. When we substitute, we put the number in place of the variable and then work out

substitution - Wiktionary, the free dictionary substitution (countable and uncountable, plural substitutions) The act of substituting or the state of being substituted

Related to what is substitution in algebra

Michigan lawmakers OK substitute for algebra class (MLive15y) LANSING -- The Michigan Legislature has passed a bill that would give high school students more options to avoid taking algebra II and still graduate. The bill would let students substitute a

Michigan lawmakers OK substitute for algebra class (MLive15y) LANSING -- The Michigan Legislature has passed a bill that would give high school students more options to avoid taking algebra II and still graduate. The bill would let students substitute a

NCTM Issues Warning On Math Substitution (Education Week9y) The National Council of Teachers of Mathematics has released a statement cautioning states and districts that allowing computer science courses to substitute for a high school math course could

NCTM Issues Warning On Math Substitution (Education Week9y) The National Council of Teachers of Mathematics has released a statement cautioning states and districts that allowing computer science courses to substitute for a high school math course could

Substitute teacher ran 'fight club' during math class, police say (pix117y) This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it was last updated. MONTVILLE, Conn. - A former substitute

Substitute teacher ran 'fight club' during math class, police say (pix117y) This is an archived article and the information in the article may be outdated. Please look at the time stamp on the story to see when it was last updated. MONTVILLE, Conn. - A former substitute

Substitute teacher ran 'fight club' during math class, police say (Fox2Now St. Louis7y)
MONTVILLE, Conn. – A former substitute teacher was arrested Thursday for starting a "fight club" at a Connecticut high school, according to police. Instead of supervising Montville High School
Substitute teacher ran 'fight club' during math class, police say (Fox2Now St. Louis7y)
MONTVILLE, Conn. – A former substitute teacher was arrested Thursday for starting a "fight club" at a Connecticut high school, according to police. Instead of supervising Montville High School

Back to Home: http://www.speargroupllc.com