### algebra definition of term

**algebra definition of term** is a fundamental concept in the field of mathematics, particularly in algebra. Understanding the definition of a term is crucial for mastering algebraic expressions and equations. In this article, we will explore the meaning of a term in algebra, its components, types, and how it fits into the broader context of algebraic expressions. We will also discuss practical examples to illustrate these concepts and provide insight into their applications in solving algebraic problems. By the end of this article, you will have a comprehensive understanding of the algebra definition of term and its significance in mathematical studies.

- Introduction
- Understanding the Definition of a Term in Algebra
- Components of an Algebraic Term
- Types of Algebraic Terms
- Examples of Algebraic Terms
- Importance of Terms in Algebraic Expressions
- Conclusion
- Frequently Asked Questions

# Understanding the Definition of a Term in Algebra

In algebra, a term is defined as a single mathematical expression that can consist of numbers, variables, or a combination of both, multiplied together. Terms are the building blocks of algebraic expressions and equations. They can be as simple as a single number (like 5) or a variable (like x), or they can be more complex, containing coefficients and variables (like 3xy or -2a²). Understanding the definition of a term is essential for manipulating and simplifying algebraic expressions.

When we refer to a term, we generally talk about a part of an expression that is separated by plus or minus signs. For example, in the expression 4x + 7y - 3, there are three terms: 4x, 7y, and -3. Each of these terms plays a significant role in the overall value of the expression when variables are assigned specific values.

#### **Components of an Algebraic Term**

Algebraic terms consist of various components that contribute to their structure and meaning. Understanding these components helps in grasping the broader concept of algebraic expressions. The main components of an algebraic term include:

- **Coefficient:** The numerical factor in a term. For instance, in the term 5x, 5 is the coefficient.
- **Variable:** A symbol that represents an unknown value. In the term 3ab, both a and b are variables.
- **Exponent:** Indicates the power to which a variable is raised. For example, in the term  $2x^2$ , the exponent is 2.
- Constant: A fixed value that does not change. In the term -4, the constant is -4 itself.

Each of these components has a specific role in defining the term and its contribution to algebraic equations. For example, the coefficient affects the magnitude of the term, while the exponent influences how the term behaves in equations, particularly when it comes to polynomial expressions.

#### **Types of Algebraic Terms**

Algebraic terms can be categorized into different types based on their structure and components. Understanding these types aids in recognizing and manipulating them within expressions. The main types include:

- **Monomial:** A single term that consists of a coefficient and one or more variables, such as 7x,  $-3y^2$ , or 12abc.
- **Binomial:** An expression that contains two terms, such as 3x + 4 or 5a 2b.
- **Trinomial:** An expression made up of three terms, such as  $x^2 + 5x 6$  or 2a 3b + 4.
- **Polynomial:** A general term for any expression that consists of multiple terms (monomials), such as  $4x^3 2x^2 + x 7$ .

Each type of algebraic term serves a distinct purpose in mathematical expressions and equations. For instance, monomials are often used in polynomial equations, while binomials and trinomials frequently appear in algebraic factoring and expansion.

#### **Examples of Algebraic Terms**

To solidify your understanding of algebraic terms, consider the following examples:

- The term **8x** is a monomial with a coefficient of 8 and a variable x.
- The term  $-5y^2$  is a monomial with a coefficient of -5 and an exponent of 2.
- The expression 2x + 3y contains two terms, making it a binomial.
- The expression  $4x^2 x + 7$  is a trinomial, consisting of three distinct terms.
- The polynomial  $3x^3 + 2x^2 x + 5$  contains four terms, illustrating the concept of a polynomial.

These examples highlight the diverse nature of algebraic terms and how they contribute to different algebraic expressions. Each term plays a crucial role in determining the overall value and characteristics of the expression.

#### Importance of Terms in Algebraic Expressions

Understanding the definition and structure of terms is vital in algebra because they are foundational to algebraic expressions. Terms allow for the representation of relationships between variables and constants, enabling the formulation of equations and functions. They are essential for:

- **Simplifying expressions:** Recognizing like terms allows for simplification, making it easier to solve equations.
- **Factoring:** Identifying terms is crucial for factoring polynomials, which is a key technique in algebra.
- **Solving equations:** Understanding terms helps in isolating variables and finding solutions to algebraic equations.
- **Graphing functions:** Terms contribute to the formulation of functions, which can be graphed to visualize relationships.

In summary, the significance of terms in algebraic expressions cannot be overstated. They are essential for a wide range of mathematical operations and problem-solving techniques.

#### **Conclusion**

The algebra definition of term is a crucial aspect of understanding algebra as a whole. By recognizing the components, types, and importance of terms in algebraic expressions, students and practitioners can enhance their mathematical skills. Mastery of algebraic terms lays the groundwork for more complex concepts and problem-solving strategies in algebra. Whether you are simplifying expressions, solving equations, or working with polynomials, a solid understanding of terms is fundamental to success in mathematics.

#### Q: What is a term in algebra?

A: A term in algebra is a single mathematical expression that can consist of numbers, variables, or a combination of both, often separated by plus or minus signs.

#### Q: What are the components of an algebraic term?

A: The main components of an algebraic term include the coefficient (numerical factor), variable (symbol representing an unknown value), exponent (power to which a variable is raised), and constant (fixed value).

### Q: Can you give examples of different types of algebraic terms?

A: Yes, examples include monomials (like 5x), binomials (like x + 2), trinomials (like  $x^2 - 3x + 4$ ), and polynomials (like  $2x^3 + x - 5$ ).

#### Q: Why are terms important in algebraic expressions?

A: Terms are essential because they represent relationships between variables and constants, allowing for simplification, factoring, and solving equations.

### Q: How do you simplify algebraic expressions involving terms?

A: To simplify algebraic expressions, identify and combine like terms, which have the same variable part, to reduce the expression to its simplest form.

#### Q: What is the significance of the coefficient in a term?

A: The coefficient in a term determines the magnitude of the term and influences the overall value of the algebraic expression when variables are assigned specific values.

#### Q: How do terms contribute to graphing functions?

A: Terms form the basis of algebraic functions, and by understanding terms, one can create graphs that visually represent the relationships between variables in the function.

### Q: What is the difference between a monomial and a polynomial?

A: A monomial is a single term, while a polynomial is an expression made up of multiple terms (monomials) combined through addition or subtraction.

#### Q: How can I identify like terms in an expression?

A: Like terms are terms that have the same variable part with the same exponent. To identify them, look for terms that match in their variable factors.

## Q: What role do terms play in solving algebraic equations?

A: Terms play a crucial role in solving algebraic equations as they allow for the isolation of variables and manipulation of equations to find solutions.

#### **Algebra Definition Of Term**

Find other PDF articles:

 $\underline{http://www.speargroupllc.com/business-suggest-017/pdf?docid=XvB11-2291\&title=how-start-food-truck-business.pdf}$ 

algebra definition of term: Algebraic Foundations of Systems Specification Egidio Astesiano, Hans-Jörg Kreowski, Bernd Krieg-Brückner, 2012-12-06 The aim of software engineering is the provision and investigation of methods for the development of software systems of high quality with correctness as a key issue. A system is called correct if it does what one wants, if it meets the requirements. To achieve and to guarantee correct systems, the need of formal methods with rigorous semantics and the possibility of verification is widely accepted. Algebraic specification is a software engineering approach of this perspective. When Liskov and Zilles, Guttag and the ADJ-group with Goguen, Thatch er, Wagner and Wright introduced the basic ideas of algebraic specification in the mid seventies in the U. S. A. and Canada, they initiated a very successful and still flourishing new area. In the late seventies, algebraic specification became a major research topic also in many European countries. Originally, the algebraic framework was intended for the mathematical foundation of ab stract data types and the formal development of first-order applicative pro grams. Meanwhile, the range of applications has been extended to the precise specification of complete software systems, the uniform definition of syntax and semantics of

programming languages, and to the stepwise development of correct systems from the requirement definitions to the running programs. The activities in the last 25 years have led to an abundance of concepts, methods, approaches, theories, languages and tools, which are mathematically founded in universal algebra, category theory and logic.

algebra definition of term: Text-book of Algebra Joseph Victor Collins, 1893 algebra definition of term: Fundamentals of Algebraic Specification 1 Hartmut Ehrig, Bernd Mahr, 2012-12-06 The aim of this book is to present fundamentals of algebraic specifications with respect to the following three aspects: fundamentals in the sense of a carefully motivated introduction to algebraic specifications, which is easy to understand for computer scientists and mathematicians; fundamentals in the sense of mathematical theories which are the basis for precise definitions, constructions, results, and correctness proofs; and fundamentals in the sense of concepts, which are introduced on a conceptual level and formalized in mathematical terms. The book is equally suitableas a text book for graduate courses and as a reference for researchers and system developers.

algebra definition of term: Foundations of Algebraic Specification and Formal Software Development Donald Sannella, Andrzej Tarlecki, 2012-01-05 This book provides foundations for software specification and formal software development from the perspective of work on algebraic specification, concentrating on developing basic concepts and studying their fundamental properties. These foundations are built on a solid mathematical basis, using elements of universal algebra, category theory and logic, and this mathematical toolbox provides a convenient language for precisely formulating the concepts involved in software specification and development. Once formally defined, these notions become subject to mathematical investigation, and this interplay between mathematics and software engineering yields results that are mathematically interesting, conceptually revealing, and practically useful. The theory presented by the authors has its origins in work on algebraic specifications that started in the early 1970s, and their treatment is comprehensive. This book contains five kinds of material: the requisite mathematical foundations; traditional algebraic specifications; elements of the theory of institutions; formal specification and development; and proof methods. While the book is self-contained, mathematical maturity and familiarity with the problems of software engineering is required; and in the examples that directly relate to programming, the authors assume acquaintance with the concepts of functional programming. The book will be of value to researchers and advanced graduate students in the areas of programming and theoretical computer science.

algebra definition of term: Higher-Order Algebra, Logic, and Term Rewriting J. Heering, 1994-07-28 This volume contains the final revised versions of the best papers presented at the First International Workshop on Higher-Order Algebra, Logic, and Term Rewriting (HOA '93), held in Amsterdam in September 1993. Higher-Order methods are increasingly applied in functional and logic programming languages, as well as in specification and verification of programs and hardware. The 15 full papers in this volume are devoted to the algebra and model theory of higher-order languages, computational logic techniques including resolution and term rewriting, and specification and verification case studies; in total they provide a competently written overview of current research and suggest new research directions in this vigourous area.

algebra definition of term: Quantum Process Algebra Yong Wang, 2025-03-18 Quantum Process Algebra introduces readers to the algebraic properties and laws for quantum computing. The book provides readers with all aspects of algebraic theory for quantum computing, including the basis of semantics and axiomatization for quantum computing. With the assumption of a quantum system, readers will learn to solve the modelling of the three main components in a quantum system: unitary operator, quantum measurement, and quantum entanglement, with full support of quantum and classical computing in closed systems. Next, the book establishes the relationship between probabilistic quantum bisimilarity and classical probabilistic bisimilarity, including strong probabilistic bisimilarity and weak probabilistic bisimilarity, which makes an axiomatization of quantum processes possible. With this framework, quantum and classical computing mixed

processes are unified with the same structured operational semantics. Finally, the book establishes a series of axiomatizations of quantum process algebras. These process algebras support nearly all main computation properties. Quantum and classical computing in closed quantum systems are unified with the same equational logic and the same structured operational semantics under the framework of ACP-like probabilistic process algebra. This unification means that the mathematics in the book can be used widely for verification of quantum and classical computing mixed systems, for example, most quantum communication protocols. ACP-like axiomatization also inherits the advantages of ACP, for example, and modularity means that it can be extended in an elegant way. - Provides readers with an introduction to the algebraic properties and laws relevant to quantum computing - Shows how quantum and classical computing mixed processes are unified with the same structured operational semantics through the framework of quantum process configuration - Establishes a series of axiomatizations of quantum process algebras

algebra definition of term: A Concise Introduction to Mathematical Logic Wolfgang Rautenberg, 2006-09-28 While there are already several well known textbooks on mathematical logic this book is unique in treating the material in a concise and streamlined fashion. This allows many important topics to be covered in a one semester course. Although the book is intended for use as a graduate text the first three chapters can be understood by undergraduates interested in mathematical logic. The remaining chapters contain material on logic programming for computer scientists, model theory, recursion theory, Godel's Incompleteness Theorems, and applications of mathematical logic. Philosophical and foundational problems of mathematics are discussed throughout the text.

**algebra definition of term:** Handbook of Logic in Computer Science: Volume 5. Algebraic and Logical Structures S. Abramsky, Dov M. Gabbay, T. S. E. Maibaum, 2001-01-25 This handbook volume covers fundamental topics of semantics in logic and computation. The chapters (some monographic in length), were written following years of co-ordination and follow a thematic point of view. The volume brings the reader up to front line research, and is indispensable to any serious worker in the areas.

algebra definition of term: Final Exam Review: Elementary Algebra A. A. Frempong, Elementary Algebra covers: Signed Number and Real Number Operations; Order of Operations and Evaluation of Expressions; Exponential Notation and Rules of Exponents; Polynomial addition, subtraction, multiplication, and division; Solving First Degree Equations; Word Problems; Ratio and Proportion; Factoring Polynomials; Solving quadratic equations by factoring & applications; Graphs, Slopes, Intercepts and Equations of Straight Lines; Solving Systems of Linear Equations and Word Problems; Radicals, square roots, addition & multiplication of radicals; Pythagorean Theorem and Applications; Areas and Perimeters; Algebraic Fractions (reduction, multiplication, division & addition); Solving Linear inequalities.

**algebra definition of term:** *Universal Algebra* Clifford Bergman, 2011-09-20 Starting with the most basic notions, Universal Algebra: Fundamentals and Selected Topics introduces all the key elements needed to read and understand current research in this field. Based on the author's two-semester course, the text prepares students for research work by providing a solid grounding in the fundamental constructions and concepts o

algebra definition of term: Term Rewriting Systems Terese, 2003-03-20 Term rewriting systems developed out of mathematical logic and are an important part of theoretical computer science. They consist of sequences of discrete transformation steps where one term is replaced with another and have applications in many areas, from functional programming to automatic theorem proving and computer algebra. This 2003 book starts at an elementary level with the earlier chapters providing a foundation for the rest of the work. Much of the advanced material appeared here for the first time in book form. Subjects treated include orthogonality, termination, completion, lambda calculus, higher-order rewriting, infinitary rewriting and term graph rewriting. Many exercises are included with selected solutions provided on the web. A comprehensive bibliography makes this book ideal both for teaching and research. A chapter is included presenting applications

of term rewriting systems, with many pointers to actual implementations.

algebra definition of term: Mathematical Structures Joachim Hilgert, 2024-08-06 This textbook is intended to be accessible to any second-year undergraduate in mathematics who has attended courses on basic real analysis and linear algebra. It is meant to help students to appreciate the diverse specialized mathematics courses offered at their universities. Special emphasis is on similarities between mathematical fields and ways to compare them. The organizing principle is the concept of a mathematical structure which plays an important role in all areas of mathematics. The mathematical content used to explain the structural ideas covers in particular material that is typically taught in algebra and geometry courses. The discussion of ways to compare mathematical fields also provides introductions to categories and sheaves, whose ever-increasing role in modern mathematics suggests a more prominent role in teaching. The book is the English translation of the second edition of "Mathematische Strukturen" (Springer, 2024) written in German. The translation was done with the help of artificial intelligence. A subsequent human revision was done primarily in terms of content.

algebra definition of term: Computational Complexity of Solving Equation Systems
Przemysław Broniek, 2015-07-24 This volume considers the computational complexity of
determining whether a system of equations over a fixed algebra A has a solution. It examines in
detail the two problems this leads to: SysTermSat(A) and SysPolSat(A), in which equations are built
out of terms or polynomials, respectively. The book characterizes those algebras for which SysPolSat
can be solved in a polynomial time. So far, studies and their outcomes have not covered algebras
that generate a variety admitting type 1 in the sense of Tame Congruence Theory. Since unary
algebras admit only type 1, this book focuses on these algebras to tackle the main problem. It
discusses several aspects of unary algebras and proves that the Constraint Satisfaction Problem for
relational structures is polynomially equivalent to SysTermSat over unary algebras. The book's final
chapters discuss partial characterizations, present conclusions, and describe the problems that are
still open.

algebra definition of term: Algebra George Chrystal, 1886

**algebra definition of term: Key Maths 7/2** David Baker, 2000 These resources provide invaluable support within the Key Maths series for all mathematics teachers, whether specialists or non-specialist, experienced or new to the profession.

**algebra definition of term:** <u>Lectures on Fundamental Concepts of Algebra and Geometry</u> John Wesley Young, William Wells Denton, Ulysses Grant Mitchell, 1911

**algebra definition of term: Term Rewriting and Applications** Jürgen Giesl, 2005-04-07 This book constitutes the refereed proceedings of the 16th International Conference on Rewriting Techniques and Applications, RTA 2005, held in Nara, Japan in April 2005. The 29 revised full papers and 2 systems description papers presented together with 5 invited articles were carefully reviewed and selected from 79 submissions. All current issues in Rewriting are addressed, ranging from foundational and methodological issues to applications in various contexts; due to the fact that the first RTA conference was held 20 years ago, the conference offered 3 invited historical papers 2 of which are included in this proceedings.

algebra definition of term: Category Theory and Computer Science Eugenio Moggi, Giuseppe Rosolini, 1997-08-20 This book constitutes the refereed proceedings of the 7th International Conference on Category Theory and Computer Science, CTCS'97, held in Santa Margheria Ligure, Italy, in September 1997. Category theory attracts interest in the theoretical computer science community because of its ability to establish connections between different areas in computer science and mathematics and to provide a few generic principles for organizing mathematical theories. This book presents a selection of 15 revised full papers together with three invited contributions. The topics addressed include reasoning principles for types, rewriting, program semantics, and structuring of logical systems.

**algebra definition of term: Algebras, Lattices, Varieties** Ralph N. McKenzie, George F. McNulty, Walter F. Taylor, 2018-07-09 This book presents the foundations of a general theory of

algebras. Often called "universal algebra", this theory provides a common framework for all algebraic systems, including groups, rings, modules, fields, and lattices. Each chapter is replete with useful illustrations and exercises that solidify the reader's understanding. The book begins by developing the main concepts and working tools of algebras and lattices, and continues with examples of classical algebraic systems like groups, semigroups, monoids, and categories. The essence of the book lies in Chapter 4, which provides not only basic concepts and results of general algebra, but also the perspectives and intuitions shared by practitioners of the field. The book finishes with a study of possible uniqueness of factorizations of an algebra into a direct product of directly indecomposable algebras. There is enough material in this text for a two semester course sequence, but a one semester course could also focus primarily on Chapter 4, with additional topics selected from throughout the text.

**Programs** S.Doaitse Swierstra, 1996-09-11 This book constitutes the refereed proceedings of the Eighth International Symposium on Programming Languages, Implementations, Logics, and Programs, PLILP '96, held in conjunction with ALP and SAS in Aachen, Germany, in September 1996. The 30 revised full papers presented in the volume were selected from a total of 97 submissions; also included are one invited contribution by Lambert Meerlens and five posters and demonstrations. The papers are organized in topical sections on typing and structuring systems, program analysis, program transformation, implementation issues, concurrent and parallel programming, tools and programming environments, lambda-calculus and rewriting, constraints, and deductive database languages.

#### Related to algebra definition of term

**Algebra - Wikipedia** Elementary algebra is the main form of algebra taught in schools. It examines mathematical statements using variables for unspecified values and seeks to determine for which values the

**Introduction to Algebra - Math is Fun** Algebra is just like a puzzle where we start with something like "x - 2 = 4" and we want to end up with something like "x = 6". But instead of saying "obviously x=6", use this neat step-by-step

**Algebra 1 | Math | Khan Academy** The Algebra 1 course, often taught in the 9th grade, covers Linear equations, inequalities, functions, and graphs; Systems of equations and inequalities; Extension of the concept of a

**Algebra - What is Algebra?** | **Basic Algebra** | **Definition** | **Meaning,** Algebra deals with Arithmetical operations and formal manipulations to abstract symbols rather than specific numbers. Understand Algebra with Definition, Examples, FAQs, and more

**Algebra in Math - Definition, Branches, Basics and Examples** This section covers key algebra concepts, including expressions, equations, operations, and methods for solving linear and quadratic equations, along with polynomials and

**Algebra | History, Definition, & Facts | Britannica** What is algebra? Algebra is the branch of mathematics in which abstract symbols, rather than numbers, are manipulated or operated with arithmetic. For example, x + y = z or b-

**Algebra Problem Solver - Mathway** Free math problem solver answers your algebra homework questions with step-by-step explanations

**Algebra - Pauls Online Math Notes** Preliminaries - In this chapter we will do a quick review of some topics that are absolutely essential to being successful in an Algebra class. We review exponents (integer and

**How to Understand Algebra (with Pictures) - wikiHow** Algebra is a system of manipulating numbers and operations to try to solve problems. When you learn algebra, you will learn the rules to follow for solving problems

**Algebra Homework Help, Algebra Solvers, Free Math Tutors** I quit my day job, in order to work on algebra.com full time. My mission is to make homework more fun and educational, and to help

people teach others for free

**Algebra - Wikipedia** Elementary algebra is the main form of algebra taught in schools. It examines mathematical statements using variables for unspecified values and seeks to determine for which values the

**Introduction to Algebra - Math is Fun** Algebra is just like a puzzle where we start with something like "x - 2 = 4" and we want to end up with something like "x = 6". But instead of saying "obviously x=6", use this neat step-by-step

**Algebra 1 | Math | Khan Academy** The Algebra 1 course, often taught in the 9th grade, covers Linear equations, inequalities, functions, and graphs; Systems of equations and inequalities; Extension of the concept of a

**Algebra - What is Algebra?** | **Basic Algebra** | **Definition** | **Meaning,** Algebra deals with Arithmetical operations and formal manipulations to abstract symbols rather than specific numbers. Understand Algebra with Definition, Examples, FAQs, and more

**Algebra in Math - Definition, Branches, Basics and Examples** This section covers key algebra concepts, including expressions, equations, operations, and methods for solving linear and quadratic equations, along with polynomials and

**Algebra | History, Definition, & Facts | Britannica** What is algebra? Algebra is the branch of mathematics in which abstract symbols, rather than numbers, are manipulated or operated with arithmetic. For example, x + y = z or b-

**Algebra Problem Solver - Mathway** Free math problem solver answers your algebra homework questions with step-by-step explanations

**Algebra - Pauls Online Math Notes** Preliminaries - In this chapter we will do a quick review of some topics that are absolutely essential to being successful in an Algebra class. We review exponents (integer and

**How to Understand Algebra (with Pictures) - wikiHow** Algebra is a system of manipulating numbers and operations to try to solve problems. When you learn algebra, you will learn the rules to follow for solving problems

**Algebra Homework Help, Algebra Solvers, Free Math Tutors** I quit my day job, in order to work on algebra.com full time. My mission is to make homework more fun and educational, and to help people teach others for free

**Algebra - Wikipedia** Elementary algebra is the main form of algebra taught in schools. It examines mathematical statements using variables for unspecified values and seeks to determine for which values the

**Introduction to Algebra - Math is Fun** Algebra is just like a puzzle where we start with something like "x - 2 = 4" and we want to end up with something like "x = 6". But instead of saying "obviously x=6", use this neat step-by-step

**Algebra 1 | Math | Khan Academy** The Algebra 1 course, often taught in the 9th grade, covers Linear equations, inequalities, functions, and graphs; Systems of equations and inequalities; Extension of the concept of a

**Algebra - What is Algebra?** | **Basic Algebra** | **Definition** | **Meaning,** Algebra deals with Arithmetical operations and formal manipulations to abstract symbols rather than specific numbers. Understand Algebra with Definition, Examples, FAQs, and more

**Algebra in Math - Definition, Branches, Basics and Examples** This section covers key algebra concepts, including expressions, equations, operations, and methods for solving linear and quadratic equations, along with polynomials

**Algebra | History, Definition, & Facts | Britannica** What is algebra? Algebra is the branch of mathematics in which abstract symbols, rather than numbers, are manipulated or operated with arithmetic. For example, x + y = z or b-

**Algebra Problem Solver - Mathway** Free math problem solver answers your algebra homework questions with step-by-step explanations

Algebra - Pauls Online Math Notes Preliminaries - In this chapter we will do a quick review of

some topics that are absolutely essential to being successful in an Algebra class. We review exponents (integer

**How to Understand Algebra (with Pictures) - wikiHow** Algebra is a system of manipulating numbers and operations to try to solve problems. When you learn algebra, you will learn the rules to follow for solving problems

**Algebra Homework Help, Algebra Solvers, Free Math Tutors** I quit my day job, in order to work on algebra.com full time. My mission is to make homework more fun and educational, and to help people teach others for free

Back to Home: <a href="http://www.speargroupllc.com">http://www.speargroupllc.com</a>