

ModuMath Algebra

Algebra 1 - Getting Acquainted With Algebra

- 1) Translate words into the language of algebra.
- 2) Evaluate algebraic expressions.
- 3) Evaluate formulas and other expressions.

Algebra 2 - Order of Operations

- 1) Use the standard order of operations to simplify and evaluate numerical or algebraic expressions.
- 2) Simplify and evaluate numerical and algebraic expressions that contain parentheses.

Algebra 3 - Adding and Subtracting Algebraic Expressions

- 1) Identify the terms in algebraic expressions.
- 2) Identify like terms in algebraic expressions.
- 3) Identify the special types of polynomials called monomials, binomials and trinomials.
- 4) Add and subtract any type of polynomials.

Algebra 4 - Multiplying Polynomials

- 1) Multiply any two polynomials.
- 2) Apply the FOIL method as a shortcut in multiplying two binomials.
- 3) Use formulas to obtain special products of the form $(a + b)^2$, $(a - b)^2$ and $(a + b)(a - b)$.

Algebra 5 - Laws of Algebra

- 1) Recognize five basic laws of algebra.
- 2) Apply these laws to certain algebraic operations.

Algebra 6 - Solving Equations I

- 1) Recognize the identities for addition and multiplication.
- 2) Recognize the inverses for addition and multiplication.
- 3) Use the identities and inverses in solving equations.

Algebra 7 - Solving Equations II

- 1) Solve multiple step first degree equations.
- 2) Use some shortcuts to solve equations.
- 3) Understand and work with literal equations.

Algebra 8 - Using Equations to Solve Problems

- 1) Use equations, tables and diagrams to solve practical problems.

Algebra 9 - Solving Practical Problems

- 1) Find formulas to describe relationships between quantities in practical problems.
- 2) Use formulas to organize the information in problems and to identify the variables.
- 3) Use formulas and organized information to develop equations.
- 4) Use formulas and organized information to check solutions.

Objectives For Algebra

Tobias Bleicker



Objectives For Algebra:

Reviewing **Objectives For Algebra**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Objectives For Algebra**," an enthralling opus penned by a very acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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