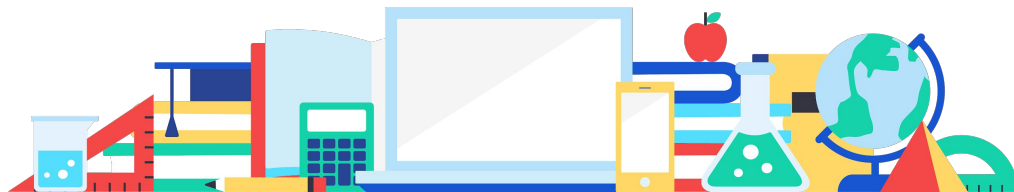




Pre-Algebra Topics & Resources

Updated March 2020



Key Topics

Key Topics Covered in Pre-Algebra

- Numbers
 - ◆ Integers, fractions & decimals
 - ◆ Positive & negative numbers
 - ◆ Rational & irrational numbers
 - ◆ Absolute value
- Arithmetic properties & operations
 - ◆ Order of operations
 - ◆ Distributive, commutative & associative properties
- Factorization
 - ◆ Factors & multiples
 - ◆ Greatest common factors & least common multiples
 - ◆ Exponents & Radicals
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 - ◆ Exponents & properties of exponents
 - ◆ Square & cube roots
 - ◆ Scientific notation
- Simplifying expressions
 - ◆ Introduction to variables
 - ◆ Order of operations
- Basics of equations
 - ◆ Introduction to polynomials
 - ◆ Basics of one-step equations
 - ◆ Inequalities
- Problem solving skills
 - ◆ Evaluating word problems

Pre-Algebra

Additional Resources

- <https://www.khanacademy.org/math/pre-algebra>
- <https://www.mathplanet.com/education/pre-algebra>
- http://www.usd417.net/pages/uploaded_files/PrealgebraParentStudyGuide.pdf
- <http://www.ppstest2.com/PreAlgebraBook.pdf>
- <https://www.ptecnyc.org/site/handlers/filedownload.ashx?moduleinstanceid=199&dataid=179&FileName=Pre-Algebra%20student-parent%20study%20guide.pdf>
- <http://www.mycompasstest.com/study-guide/pre-algebra/>
- <http://tutorial.math.lamar.edu/Classes/Alg/Alg.aspx>
- <http://www.evergreenusd.com/files/Pre-Algebra%20Study%20Guide.pdf>