



# Pre-Algebra Websites

Listed below are websites that provide information for both parents and students. The sites on Assessment and test-taking tips will apply to other subjects. It is recommended that students visit websites throughout the summer!

## **Glencoe Pre-Algebra**

This website supports the Pre-Algebra student textbook that was formally used at the middle school level. You will find online study tools: extra examples, self-check quizzes, Brain pops, plus other items.

<http://www.glencoe.com/sec/math/prealg/prealg03/index.php4/na>

## **Other websites that will provide additional practice and reinforce math skills in fun/challenging games.**

<http://math.rice.edu/~lanius/fractions/index.html>

This site allows students to manipulate or color in boxes to represent various fraction problems. Students receive immediate feedback, so they can correct any wrong answers. Students can choose from a variety of fraction problems to practice.

<http://www.funbrain.com/linejump/index.html>

Students use a number line to answer addition or subtraction integer problems. An immediate response of correct or incorrect are given for each jump. Students have the opportunity to choose between various levels.

[http://nlvm.usu.edu/en/nav/frames\\_asid\\_122\\_g\\_3\\_t\\_1.html?open=instructions](http://nlvm.usu.edu/en/nav/frames_asid_122_g_3_t_1.html?open=instructions) (underscore needed in place of spaces)

This is a student interactive virtual site that has interlocking circles. Students use positive and negative numbers so that the sum in each circle equals zero.

<http://algebrahelp.com/lessons/equationbasics/pgr.htm>

This interactive site allows students to work through a tutorial followed by practice problems they can complete on-line. Correct answers are given as well as help in solving equations if students have difficulty.

<http://www.webmath.com/>

This offers students assistance in math. Students can select the appropriate category and enter in their problem to solve it. Help categories include numbers and operations, measurement and geometry, Pre-Algebra, Algebra, Trigonometry, Calculus, Data Analysis and some problem solving.

<http://www.bbc.co.uk/education/mathsf/shockwave/games/equationmatch.html>

This is an interactive game for students. They must find two equations that have the same solution. It is similar to a game of "Concentration".

## **Assessment**

<http://www.thatquiz.com>

Outstanding: This site has quizzes on integers, fractions, concepts and geometry. This is an interactive site for students and teachers to use.

## **Test Taking Strategies**

<http://www.mtsu.edu/%7Estudski/teststrat.html>

This site lists 13 strategies for improving test-taking skills. The first three tips list things to do "Before You Begin" and then lists ten tips for "Taking A Test." This is a very simple list of effective means to improve test taking skills. Also if you are able contact the Middle School of attendance to check out a Pre-Algebra Book for the summer.

Students who have shown success in Pre-Algebra are able to use the following skills:

- Fractions and Mixed numbers with all operations
- Familiarity with Integers
- Logical Thinking Skills
- Graphing on a Coordinate Plane
- Order of Operations
- Use Powers, Exponents, parenthesis
- Knows how to convert between decimals, fractions, and percents