

Math Workshop/GLA Descriptions:

Math anxiety: skills and strategies for overcoming math concerns and fears affecting student success

Order of operations: how to follow the order of operations to evaluate expressions accurately.

Fractions: a review of adding, subtracting, multiplying and dividing number fractions.

Equations of lines: how to write the point-slope and slope-intercept forms of linear equations..

Graphing equations: how to plot points, graph lines and interpret the slope of a line.

Word problems (motion): how to solve problems involving rate, time and distance.

Word problems (mixture): how to solve problems that involve the mixing of different substances.

Word problems (percent and interest): how to solve problems about investments and interest rates.

Word problems (geometry): how to solve word problems involving using principles of Euclidean geometry.

Exponents: the basic properties of exponents when multiplying or raising a power to a power.

Division of polynomials by binomials: how to divide polynomials using by factoring and dividing by greatest common factor.

Trinomial factoring: how to break a trinomial down into its factors.

Addition and subtraction of rational expressions: how to simplify and solve equations involving addition and subtraction of fractions that contain variables.

Multiplication and division of rational expressions: how to simplify and solve equations involving multiplication and division of fractions that contain variables.

Basic logarithms: how to solve a logarithmic equation by rewriting the equation in exponential form and solving for the variable.

Scientific notation: how to convert numbers to accommodate values too large or small to be conveniently written in standard decimal notation.