

Scope and Sequence

12/31/9998

Our School at Home

Math: Algebra 1/2 (Saxon)

Math/Algebra 1

Saxon Algebra 1/2

Absolute Value - Adding Signed Numbers

Adding and Subtracting Fractions - Adding and Subtracting Fractions with Unequal Denominators

Adding Like Terms, Part 2

Adding Mixed Numbers - Rate

Addition and Subtraction Word Problems

Adjacent Angles - Complementary and Supplementary Angles - Measuring Angles

Advanced Ratio Problems

Algebraic Phrases

Algebraic Sentences

Area as a Difference

Area of Parallelograms and Trapezoids

Areas of Rectangles

Areas of Triangles

Average

Changing Rates

Circles

Classifying Triangles - Angles in Triangles

Commission - Profit

Common Factors and the Greatest Common Factor - Multiplication Word Problems

Decimal Part of a Number

Distributive Property

Divisibility

English Volume Conversions

Equation of a Line - Graphing a Line

Equations with Mixed Numbers

Equations with x-squared - Pythagorean Theorem - Demonstration of the Pythagorean Theorem

Equations: Answers and Solutions

Equivalent Equations - Addition-Subtraction Rule for Equations

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Estimating Roots

Evaluating Powers of Negative Bases

Evaluation of Exponential Expressions and Radicals

Evaluation with Signed Numbers

Exponents

Exponents and Signed Numbers

Formats for the Addition Rule - Negative Coefficients - Properties of Equality

Forming Solids - Summary

Fraction Bars as Symbols of Inclusion

Fractional Part of a Number - Fractional Equations

Fractional Part Word Problems

Fractional Percents

Fractions - Expanding and Reducing Fractions

Fractions and Decimals - Fractions to Decimals - Rounding Repeaters - Decimals to Fractions

Fractions and Symbols of Inclusion

Fractions, Decimals and Percents - Reference Numbers

Graphing Inequalities

Graphs

Implied Ratios

Improper Fractions, Mixed Numbers, and Decimal Numbers

Inch Scale - Metric Scale

Increases in Percent

Inserting Parentheses - Order of Addition

Markup and Markdown

Metric System

Metric Volume Conversions

Mixed Number Problems

Mode, Median, Mean and Range - Average in Word Problems

Multiple Fractional Factors

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Multiple Unit Multipliers - Conversion of Units of Area

Multiples - Least Common Multiple

Multiple-Term Equations

Multiplication - Division - Multiplication and Division Patterns

Multiplication and Division of Signed Numbers

Multiplication of Exponential Expressions - Variable Bases

Multiplication with Scientific Notation

Multiplying and Dividing by Powers of 10 - Ordering Decimal Numbers

Multiplying Decimal Numbers - Dividing Decimal Numbers - Estimation

Multiplying Fractions and Whole Numbers - Fractional Parts of a Number

Multiplying Mixed Numbers - Dividing Mixed Numbers

Numerals and Numbers - The Subsets of Real Numbers

Opposites

Order of Operations

Order of Operations with Fractions

Order of Operations with Signed Numbers and Symbols of Inclusion

Overall Average

Percent

Percent Word Problems - Visualizing Percents Less Than 100

Percents Greater than 100

Permutations

Points, Lines, Rays, and Line Segments - Angles - Perimeter

Polygons - Congruence and Transformation

Powers of Fractions - Roots of Fractions

Prime Numbers and Composite Numbers - Products of Prime Numbers

Probability, Part 1

Probability, Part 2: Independent Events

Properties of Algebra

Proportions with Fractions

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Math/Algebra 1

Proportions with Mixed Numbers - Using Proportions with Similar Triangles

Rate Problems as Proportion Problems

Rate Word Problems

Ratio and Proportion

Ratio Word Problems

Reading and Writing Decimal Numbers - Adding and Subtracting Decimal Numbers - Rounding Decimal Numbers

Reciprocals - Multiplication Rule - Division Rule

Rectangular Coordinates

Right Circular Cylinders

Roman Numerals

Roots - Order of Operations with Exponents and Roots

Roots of Negative Numbers - Negative Exponents - Zero Exponents

Rules for Addition of Signed Numbers

Scientific Notation for Numbers Greater Than Ten - Scientific Notation for Numbers Between Zero and One

Semicircles

Simple Interest - Compound Interest

Simplifying More Difficult Notations

Solving Equations in Two Steps

Subtracting Mixed Numbers

Subtraction - Addition and Subtraction Patterns

Surface Area of a Right Solid

Surface Area

Symbols for Multiplication - Multiplying Fractions - Dividing Fractions

Symbols of Inclusion - Division in Order of Operations

Terms - Adding Like Terms, Part 1

The Distance Problem

The Number Line and Ordering - Rounding Whole Numbers

Trichotomy - Symbols of Negation

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Math/Algebra 1

Two-Step Problems

US Customary System - Unit Multipliers

Using Ratios to Compare

Variables and Evaluation

Variables on Both Sides

Volume

Volume of Pyramids, Cones, and Spheres - Surface Area of Pyramids and Cones

Whole Number Place Value - Expanded Notation - Reading and Writing Whole Numbers - Addition

Word Problems about Equal Groups