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Pre-Algebra Class -- Netbook Version

Pre-Algebra Class 1 Record Sheet: A printable file for keeping records of your students' progress as they use the programs in Pre-Algebra Class 1.

Pre-Algebra Class 2 Record Sheet: A printable file for keeping records of your students' progress as they use the programs in Pre-Algebra Class 2.

Levels: To advance a level, the student must have completed at least 4 problems in the current level, and have a score of 85% or better.

Pre-Algebra Class 1: PAC1 icon:

- Number Concepts
 - Order of Operations – 5 levels
 - Probability – 4 levels
 - Interest (Value of a Digit) – 3 levels
 - Ratio and Proportion – 5 levels
 - Multiples of 10 – 4 levels
 - Prime Factors – 4 levels
 - Greatest Common Factor – 4 levels
 - Lowest Common Multiple – 4 levels
- Integers
 - Adding Integers – 4 levels
 - Subtracting Integers – 4 levels
 - Multiplying Integers – 4 levels
 - Dividing Integers – 4 levels
 - Absolute Value – 4 levels
 - Mental Math – 5 levels
 - Divisibility Rules – 4 levels
- Add and Subtract
 - Column Addition – 5 levels
 - Estimating Sums – 4 levels
 - Adding Decimal Numbers – 5 levels
 - Subtraction – 4 levels
 - Estimating Differences – 3 levels



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- Subtracting Decimal Numbers – 4 levels
- Checking Column Addition Problems – 4 levels
- Checking Subtraction Problems – 3 levels
- Multiply and Divide
 - Multiplication Problems – 4 levels
 - Multiplying Decimal Numbers – 4 levels
 - Estimating Products – 4 levels
 - Checking Multiplication – 3 levels
 - Short Division – 5 levels
 - Long Division – 4 levels
 - Long Division with Remainders – 4 levels
 - Dividing Decimal Numbers – 4 levels
- Geometry
 - Review of Geometric Formulas– 3 levels
 - Perimeter of Rectangles and Triangles – 5 levels
 - Area of Rectangles and Triangles – 5 levels
 - Area and Perimeter of Parallelograms – 5 levels
 - Area and Circumference of Circles – 4 levels
 - Angles and Pairs of Angles – 3 levels
 - Measuring Angles – 4 levels
 - Sum of the Angles of a Triangle – 4 levels

Pre-Algebra Class 2: PAC2 icon:

- Number Concepts
 - Properties – 4 levels
 - Writing Expressions – 5 levels
 - Writing Equations and Inequalities – 4 levels
 - Working with Exponents – 6 levels
 - Ratio and Proportion – 5 levels
 - Mark-ups – 5 levels
 - Interest – 5 levels
 - Scientific Notation – 6 levels



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- Fraction Concepts
 - Improper Fractions and Mixed Numeral Conversions – 6 levels
 - Fraction and Decimal Conversions – 5 levels
 - Fraction and Percent Conversions – 5 levels
 - Simplify Fractions – 5 levels
 - Equivalent Fractions – 5 levels
 - Linear Conversions – 3 levels
 - Weight and Liquid Conversions – 3 levels
 - Money Conversions – 3 levels
- Fraction Practice
 - Add and Subtract Unlike Fractions – 5 levels
 - Add and Subtract Like Mixed Numbers – 5 levels
 - Add and Subtract Unlike Mixed – 5 levels
 - Multiply and Divide Fractions – 4 levels
 - Multiply Mixed Numbers – 5 levels
 - Divide Mixed Numbers – 5 levels
 - Multiply and Divide Mixed Numbers – 5 levels
- Algebraic Concepts
 - Combine Like Terms – 5 levels
 - Evaluate Expressions – 5 levels
 - Plotting Points on the Coordinate Plane – 5 levels
 - Identifying Points on the Coordinate Plane – 5 levels
 - Solve Simple Equations – 4 levels
 - Solve Inequalities – 4 levels
 - Problem Solving (Integers) – 4 levels
- Geometry Concepts
 - Review of Formulas – 3 levels
 - Volume of Prisms and Cubes – 4 levels
 - Volume of Cylinders and Spheres – 4 levels
 - Volume of Cones and Pyramids – 4 levels
 - Surface Area of Prisms and Cubes – 4 levels
 - Surface Area of Cylinders and Spheres – 4 levels
 - Review of Square Roots – 5 levels
 - Pythagorean Theorem – 5 levels