By the end of PreAlgebra, students will:

PA.1 Demonstrate skill in operations with decimals, fractions and mixed numbers.  (Standard 1)

PA.2 Demonstrate skill in operations with integers.  (Standard 1)

PA.3 Evaluate algebraic expressions for a given value of the variable.  (Standards 1 and 4)

PA.4 Demonstrate understanding of the rules for order of operations.  (Standards 1 and 4)

PA.5 Demonstrate skill in working problems involving percents.  (Standards 1 and 5)

PA.6 Solve one-variable linear equations.  (Standard 4)

PA.7 Use equations to solve word problems involving whole numbers, fractions, decimals and percents.  (Standards 4 and 6)

PA.8 Solve ratios and proportions.  (Standards 4 and 6)

PA.9 Solve geometric problems involving similar triangles, supplementary and complementary angles, similar triangles and right triangles.  (Standards 3 and 6)

PA.10 Convert standard units of measure in both English and metric.  (Standard 5)

PA.11 Apply concepts and formulas related to perimeter, area and volume.  (Standards 3 and 6)

PA.12 Analyze data from charts and graphs and draw appropriate conclusions.  (Standards 2 and 6)

PA.13 Use all of the above skills in problem solving strategies and techniques.  (Standards 4 and 6)

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