



Fourth Grade Mathematics



Essential knowledge and skills that form the basis of mathematics instruction in our fourth grade classrooms:

- Add and subtract multi-digit whole numbers
- Identify factors and multiples of a number
- Determine if a given whole number is prime or composite
- Compare the values of the digits in a number using place value
- Round any whole number to any place
- Multiply a two-digit number by a two-digit number
- Solve single- and multi-step word problems involving multi-digit multiplication
- Divide four-digit numbers by single-digit numbers
- Solve single- and multi-step word problems involving division
- Compare and order fractions and decimals
- Convert between mixed numbers and improper fractions
- Find equivalent fractions
- Simplify fractions
- Solve single- and multi-step word problems involving the comparison of fractions and decimals
- Add and subtract fractions and mixed numbers with like denominators
- Multiply fractions by whole numbers
- Find the area and perimeter of rectangles
- Solve single- and multi-step word problems involving the area and perimeter of rectangles
- Measure angles
- Determine congruence and find lines of symmetry in two-dimensional figures
- Convert between units of measurement
- Determine elapsed time
- Draw and identify points, lines, line segments, rays, and angles