

Math Standards **Grade 4**

Math skills to work on while tutoring at Whiz Kids

- ★ Use the +, -, x, ÷ (four operations) with whole numbers to solve problems
- ★ Find all factor pairs for a whole number in the range 1-100
- ★ Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form
- ★ Perform multi-digit number addition, subtraction, multiplication and division. Multiply a 4-digit number with a 1-digit number or 2 2-digit numbers. Divide whole number quotients with remainders.
- ★ Compare fractions that have different numerators or different denominators, by creating common denominators
- ★ Practice addition and subtraction of fractions (ie. $\frac{3}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$)
- ★ Add and subtract mixed numbers with like denominators
- ★ Multiply a whole number with a fraction
- ★ Use decimal notation for fractions
- ★ Use measurement and create a chart with feet in one column and inches in the other (include km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec.)
- ★ Solve story problems using area and perimeter of a rectangular shape
- ★ Make a line plot using fractions of units
- ★ Measure angles in whole-number degrees using a protractor
- ★ Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines
- ★ Identify right angles in right triangles
- ★ Identify line symmetric figures and draw lines of symmetry