

Math Standards **Grade 5**

Math skills to work on while tutoring at Whiz Kids

- ★ Use parentheses, brackets, or braces in numerical expressions
- ★ Understand in place value, that a place to the right is 10 times greater and a place to the left is $\frac{1}{10}$ of what it represents
- ★ Read, write and compare decimals to the thousandths
- ★ Compare two decimals to the thousandths using \leq , \geq , or $=$
- ★ Round decimals to any place
- ★ Fluently multiply multi-digit numbers
- ★ Add, subtract, multiply and divide decimals to hundredths
- ★ Add and subtract fractions with unlike denominators, by replacing given fractions with equivalent fractions
- ★ Multiply a fraction or whole number by a fraction
- ★ Find the area of a rectangle with fractional side lengths
- ★ Solve story problems using a whole number and a fraction
- ★ Convert among different sized standard measurement units. (i.e. 5cm to 0.05m)
- ★ Recognize volume as an attribute to solid figures
- ★ Measure volume using unit cube (i.e. cubic cm, cubic inches, cubic feet)
- ★ Apply the formula $l \times h \times w = V$ and $V = b \times h$ for rectangular prisms to find volume
- ★ Plot a pair of numbers (coordinates) on axes
- ★ Classify two-dimensional figures into categories based on their properties