

Math Standards **Grade 3**

Math skills to work on while tutoring at Whiz Kids

- ★ Multiplication and division to 100
- ★ What does $5 \times 7 = 35$ mean? And what does $35 \div 5 = 7$ mean?
- ★ $8 \times 3 = 24$ and $3 \times 8 = 24$ (Commutative property)
- ★ $2 \times 6 \times 4 = 2 \times 6 = 12$, and $12 \times 4 = 48$ (Associative property)
- ★ 8×7 as $8 \times (5 + 2) = (8 \times 5) + (8 \times 2) = 40 + 16 = 56$. (Distributive property)
- ★ Story Problems using addition, subtraction, multiplication and/or division
- ★ Round whole numbers to the nearest 10 or 100 (estimation)
- ★ Multiply 1-digit whole numbers by multiples of 10 in the range 10-90
- ★ (e.g., 9×80 , 5×60)
- ★ Fluently add or subtract to 1000
- ★ Understand fractions on a number line, equal fractions, generate equivalent fractions, and compare fractions using \geq , \leq , and $=$
- ★ Tell and write time to the nearest minute
- ★ Solve story problems using money (dollars, quarters, dimes, nickels, and pennies) and the signs for dollars and cents ($\$$, ¢)
- ★ Measure using units of grams (g), kilograms (kg), and liters (l)
- ★ Measure lengths using rulers marked with halves and fourths of an inch
- ★ Use and interpret data on a bar graph and a picture graph
- ★ Understand area and perimeter
- ★ Partition shapes into parts with equal areas. *For example, partition a shape into 4 parts with equal area, and describe the area of each part as $1/4$ of the area of the shape.*