

Third Grade Math Skills for Parents

(Can your child confidently do these by the end of the year?)

Counting and Number Sense	completed
Read and write numbers up to at least 1,000	
Understand place value in ones, tens, and hundreds	
Recognize the role of zero in numbers (e.g., 106)	
Build and deconstruct numbers using expanded form	
Compare and order 3-digit numbers	
Identify and use odd and even numbers	
Skip count by 2s, 5s, 10s, and begin 3s and 4s	
Addition & Subtraction	
Master addition and subtraction facts through 18	
Use strategies such as regrouping (borrowing and carrying)	
Add and subtract 2- and 3-digit numbers with and without regrouping	
Solve real-life word problems involving addition and subtraction	
Mentally add and subtract within 100	
Multiplication & Division	
Understand multiplication as repeated addition	
Understand division as equal grouping or sharing	
Know multiplication facts from 1×1 to 10×10 (aim for mastery of at least 2s, 5s, and 10s by year's end)	
Begin learning division facts related to known multiplication facts	
Use arrays, number lines, and skip counting to model multiplication and division	
Solve simple word problems involving multiplication and division	
Recognize and use the relationship between multiplication and division	
Fractions	
Understand fractions as parts of a whole or group	
Identify and use common fractions ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{3}$, $\frac{3}{4}$)	
Use real objects (food, measuring cups, paper shapes) to model fractions	
Compare basic fractions visually	
Understand that fractions can name equal parts of different wholes	
Begin to add fractions with like denominators (visually)	
Measurement & Time	
Measure length using inches, feet, and yards	
Use tools like rulers, measuring tape, and yardsticks	
Compare and estimate length, weight, and volume	
Use and read thermometers (Celsius and Fahrenheit)	

Read and set time on analog and digital clocks to the nearest 5 minutes	
Understand the concepts of a.m. and p.m.	
Solve simple elapsed time problems	
Use standard units of measurement (cups, pints, quarts, gallons, ounces, pounds)	
Money	
Identify and count coins and bills	
Make change from \$1.00 and up	
Add and subtract money amounts using decimal notation	
Solve real-life problems involving purchases and budgeting	
Data & Graphing	
Collect and organize data into charts or simple graphs (bar graphs, picture graphs, tally charts)	
Read and interpret data from visual displays	
Answer questions about data (how many more, how many fewer, total, etc.)	
Geometry	
Identify and describe 2D shapes (circle, triangle, square, rectangle, hexagon)	
Recognize and describe 3D shapes (sphere, cone, cube, cylinder)	
Understand the concepts of symmetry and equal parts	
Identify edges, faces, and vertices of solid figures	
Problem Solving & Critical Thinking	
Solve multi-step problems using all four operations	
Explain thinking and strategies verbally or in writing	
Choose appropriate methods and tools to solve a problem	
Begin to estimate answers and check for reasonableness	
Math Language & Communication	
Use math vocabulary: sum, difference, product, quotient, even, odd, fraction, regroup, digit, array, etc.	
Read and write numbers in word form and standard form	
Create and solve their own word problems	
Communicate math understanding through drawing, writing, and discussion	