

Addition & Subtraction Skills Progress Checklist (4th -7th grade)

- ✓ Can combine objects to show addition (e.g., 2 blocks + 3 blocks = 5 blocks)
- ✓ Understands that subtraction means “taking away” or “finding what’s left”
- ✓ Uses a number line to count forward (addition) and backward (subtraction)
- ✓ Identifies addends and sum in an addition problem
- ✓ Identifies minuend, subtrahend, and difference in a subtraction problem
- ✓ Knows basic addition facts to 10 (e.g., $3+5=8$)
- ✓ Knows addition facts to 20
- ✓ Knows doubles (e.g., $4+4$, $6+6$)
- ✓ Can use doubles to solve “almost doubles” (e.g., $6+7$)
- ✓ Can make 10 using number combinations (e.g., $7+3$, $4+6$)
- ✓ Understands and uses fact families (e.g., $3+5=8$, $5+3=8$, $8-3=5$, $8-5=3$)
- ✓ Can solve missing number problems (e.g., $9 + \underline{\quad} = 12$)
- ✓ Understands and applies the Commutative Property ($4+5 = 5+4$)
- ✓ Understands and applies the Associative Property ($(2+3)+4 = 2+(3+4)$)
- ✓ Understands the concept of Compensation in mental math
- ✓ Can use the “Make 10” strategy to add larger numbers
- ✓ Can bridge over 10 (e.g., $8+5 = 8+2+3$)
- ✓ Can carry (regroup) when adding two-digit numbers
- ✓ Can subtract two-digit numbers with and without borrowing
- ✓ Understands the concept of regrouping in subtraction
- ✓ Can mentally add and subtract tens (e.g., $40+20$, $70-30$)
- ✓ Can mentally add and subtract two-digit numbers (e.g., $43 + 21$, $85 - 39$)
- ✓ Can solve real-life word problems using addition and subtraction
- ✓ Comfortable switching between addition and subtraction
- ✓ Can write and solve problems in both horizontal and vertical formats
- ✓ Practices math facts through games, flash cards, or everyday activities
- ✓ Can explain their thinking when solving a problem