

**Primary Concepts®**  
**Fast Facts Addition Subtraction eBook**  
**4597, 7597**

Primary Concepts' *Fast Facts Addition/Subtraction ebook* addresses the following Common Core State Standards for Mathematics.

<b>Common Core State Standards Grade 1</b>
<b>Operations and Algebraic Thinking</b>
<b>Understand and apply properties of operations and the relationship between addition and subtraction.</b>
<b>1.OA.B.3.</b> Apply properties of operations as strategies to add and subtract.
<b>1.OA.B.4.</b> Understand subtraction as an unknown-addend problem.
<b>Add and subtract within 20.</b>
<b>1.OA.C.5.</b> Relate counting to addition and subtraction.
<b>1.OA.C.6.</b> Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$ ); decomposing a number leading to a ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$ ); using the relationship between addition and subtraction (e.g., knowing that $8 + 4 = 12$ , one knows $12 - 8 = 4$ ); and creating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$ ).
<b>Number and Operations in Base Ten</b>
<b>Use place value understanding and properties of operations to add and subtract.</b>
<b>1.NBT.C.4.</b> Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.
<b>1.NBT.C.5.</b> Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used.
<b>1.NBT.C.6.</b> Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 (positive or zero differences), using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

<b>Common Core State Standards Grade 2</b>
<b>Operations and Algebraic Thinking</b>
<b>Add and subtract within 20.</b>
<b>2.OA.B.2.</b> Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
<b>Number and Operations in Base Ten</b>
<b>Use place value understanding and properties of operations to add and subtract.</b>
<b>2.NBT.B.5.</b> Fluently add and subtract within 100 using strategies based on place value, properties of operations, and /or the relationship between addition and subtraction.