

Primary Concepts®
Number Tile Puzzles
4648, 4649

Primary Concepts' *Number Tile Puzzles* address the following Common Core State Standards for Mathematics.

Common Core State Standards Grade 1
Operations and Algebraic Thinking
Understand and apply properties of operations and the relationship between addition and subtraction.
OA.1.3. Apply properties of operations as strategies to add and subtract.
OA.1.4. Understand subtraction as an unknown addition problem.
Add and subtract within 20.
OA.1.5. Relate counting to addition and subtraction.
OA.1.6. Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.
Work with addition and subtraction equations.
OA.1.7. Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.
OA.1.8. Determine the unknown whole number in an addition or subtraction equation relating three whole numbers.

Common Core State Standards Grade 2
Operations and Algebraic Thinking
Add and subtract within 20.
OA.2.2. Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
Number and Operations in Base Ten
Use place value understanding and properties of operations to add and subtract.
NBT.2.5. Fluently add and subtract within 100 using strategies based on place value, properties of operations, and /or the relationship between addition and subtraction.

Common Core State Standards Grade 3
Number and Operations in Base Ten
Use place value understanding and properties of operations to perform multi-digit arithmetic.
NBT.3.2. Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.