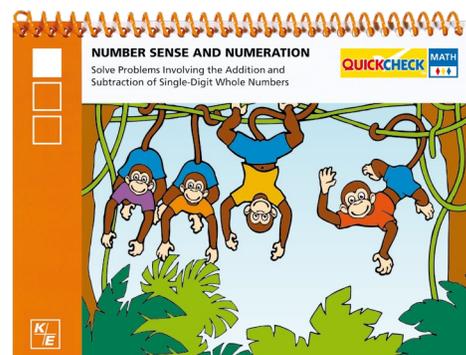


1 Grade 1



Number Sense and Numeration

SOLVE PROBLEMS INVOLVING THE ADDITION AND SUBTRACTION OF SINGLE-DIGIT WHOLE NUMBERS

Student Activities

Decomposing 5		Addition problems: composition, decomposition of number, anchor numbers	
■	Relate each composition of 5 to its decomposition.....	■	Relate each set of known parts to its total
■	Compare similar decompositions of 5 using orientation as a clue	■	Relate each known part to its unknown part
■	Compare each decomposition of 5 to its number sentence	■	Relate each part-part-whole problem to its number sentence
		■	Relate each part-part-whole problem to its representation on an open number line.....
5 as an anchor number		Subtraction problems: composition decomposition of number, anchor numbers	
■	Match each number of fingers to the same number of cubes.....	■	Relate each picture to its number sentence
■	Relate each number on a ten frame to its number line representation	■	Compare known sets to the difference left in the bag ...
■	Relate each numeral to the anchor of 5 on a number line	■	Compare known sets to the difference left in the bag represented by a number sentence
		■	Compare larger and smaller sets of connecting cubes to find their difference
		■	Relate larger and smaller sets of connecting cubes to the number sentence
Decomposing 10		Number concepts and operational sense using money	
■	Relate similar compositions of 10	■	Relate the cost of each item to its representation in pennies
■	Compare each composition to its decomposition of 10	■	Connect the exact amount of coins required to purchase each set of items.....
■	Compare each ten frame representation of 10 to its number sentence	■	Make change of a nickel or a dime.....
		■	Make change of a dime
10 as an anchor number			
■	Compare each number on a ten frame to its representation on a number line.....		
■	Compare each numeral to the anchor of 10 as represented on a number line		

Teacher Section

How to Use QUICKCHECK Math and Tips for Success	Learning Connection Activity Suggestions
25	■ Mathematical Process Expectations: Problem Solving, Representing and Communicating
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