

TABLE OF CONTENTS



3 Grade 3



Number Sense and Numeration

SOLVE PROBLEMS INVOLVING ADDITION, SUBTRACTION, MULTIPLICATION, AND DIVISION OF SINGLE AND MULTI-DIGIT WHOLE NUMBERS

Student Activities

Represent, compose, and decompose numbers to 1000	
■ Connect each base 10 model to its three-digit number	1
■ Connect each three-digit number to its base 10 model	2
■ Connect each number composition to its decomposition in expanded form	3
■ Relate each value to its place in a three- or four-digit number	4
■ Relate the position of each digit to its value	5
Solve problems using addition and subtraction of whole numbers using a variety of tools and strategies	
■ Relate each addition problem to its corresponding solution	6
■ Relate each subtraction problem to its corresponding solution	7
■ Connect each problem to its solution	8
■ Relate each sum or difference to the two numbers that equal it	9
■ Relate each amount of money to its corresponding amount using fewer coins or bills	10
■ Connect the cost of each set of items to the amount of change owed	11

Represent multiplication and division in a variety of ways	
■ Compare each quantity to its representation as a number sentence	12
■ Connect each set of equal groups to its set of multiplication statements	13
■ Connect each array with its multiplication number sentence	14
■ Relate each repeated addition sentence to its multiplication number sentence	15
■ Connect each picture to its fair share division number sentence	16
■ Relate each division number sentence to its fraction statement	17
■ Relate each fair share array to its fraction statement	18
■ Relate each division sentence to its representation as repeated subtraction	19
Solve problems using multiplication and division of whole numbers using a variety of tools and strategies	
■ Connect each problem with its solution	20
■ Connect each strategy with its multiplication problem	21
■ Relate each multiplication array to its inverse division representation	22
■ Connect each problem with its solution	23
■ Relate each problem to its solution	24

Teacher Section

How to Use QUICKCHECK Math and Tips for Success	25
Learning Connection Activity Suggestions	
■ Mathematical Process Expectations: Problem Solving, Representing, and Communicating	26

