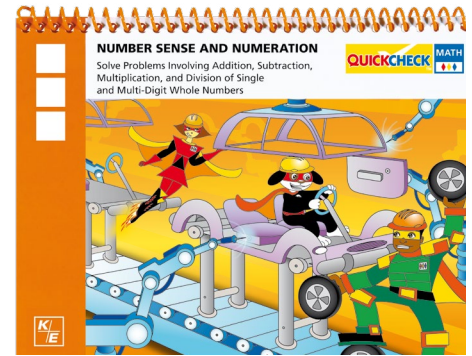


3 Grade 3



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

<p>How to Use QUICKCHECK Math and Tips for Success 25</p>	<p>Learning Connection Activity Suggestions</p> <ul style="list-style-type: none"> ■ Mathematical Process Expectations: Problem Solving, Representing, and Communicating 26
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