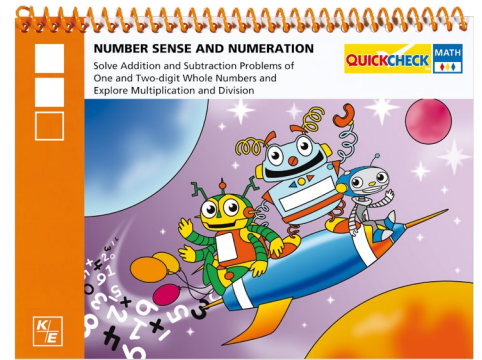


2 Grade 2



Number Sense and Numeration

SOLVE ADDITION AND SUBTRACTION PROBLEMS OF ONE AND TWO-DIGIT WHOLE NUMBERS AND EXPLORE MULTIPLICATION AND DIVISION

Student Activities

Solving addition and subtraction problems to 18 using mental strategies

- Compare each number on a ten frame to its representation on a number line..... 1
- Compare each numeral to the anchor of ten as represented on a number line 2
- Compare each number line representation to its corresponding ten frame or base ten representation 3
- Match each dot pattern to its corresponding representation: playing cards, number cube and dominoes..... 4
- Compare each representation to its number sentence 5
- Connect each pair of numbers to its correct sum 6
- Compare each number line to its number sentence..... 7
- Relate each number sentence to its corresponding representation on a number line 8
- Connect each number line to its corresponding number line below 9

Addition and subtraction problems: part-part-whole and compare problems

- Relate each known part of green and orange screws to the total number of screws in the boxes 10
- Use each total number of screws and one known part to find the unknown part under the yellow sheet 11
- Compare each total and set of 10 to its difference 12

Addition and subtraction with and without borrowing and regrouping

- Use each section of the hundreds chart to find the correct hidden number 13
- Relate each number sentence to its circled answer 14
- Connect each number sentence using two digits to its representation on an open number line..... 15
- Connect the cost of each item to the coins needed to buy it 16
- Connect each amount to what it can purchase exactly..... 17
- Connect each purchase to the amount of change and its open number line representation..... 18

Combining and sharing equal groups: multiplication and division

- Relate each set of pairs of butterflies to its corresponding number sentence 19
- Relate each representation to its number sentence 20
- Compare each pair of equal groups and its number sentence to its product 21
- Relate each whole set to its corresponding equal fair share..... 22
- Relate each whole to its equally divided parts 23
- Compare each numeral to its fair division by 3 or 4 24

Teacher Section

- **How to Use QUICKCHECK Math and Tips for Success** 25

Learning Connection Activity Suggestions

- **Mathematical Process Expectations:** Problem Solving, Selecting Tools and Computational Strategies and Representing 26