GRADE 2 • MODULE 1

Sums and Differences to 20

Make ten and subtract from ten (e.g., 8 + 3 = 8+ 2 + 1 and 15 – 7 = 10 – 7 + 5 = 3 + 5)

Ten plus (e.g., 10 + 3 = 13, 30 + 5 = 35, 70 + 8 = 78)

Number bond (e.g., 5 + 1 = 6, 1 + 5 = 6, 6 – 1 = 5, 6 – 5 = 1)

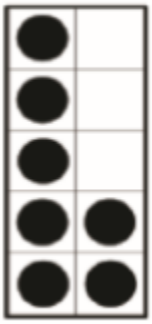
Say Ten counting (e.g., 11 is "1 ten 1," 12 is "1 ten 2," twenty is "2 tens," 27 is "2 tens 7," 35 is "3 tens 5," 100 is "1 hundred," 146 is "1 hundred 4 tens 6")

Topic A: Foundations for Addition and Subtraction Within 20

Lesson 1: Make number bonds of ten

- Use the image of a ten-frame card to help visualize and remember bonds (fact families) of 10

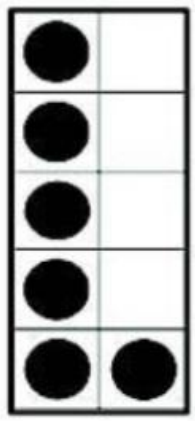
Ex. 7 + 3 = 10



Lesson 2: Make number bonds through ten with a subtraction focus and apply to one-step word problems

- Use the image of a ten-frame card to help visualize subtraction

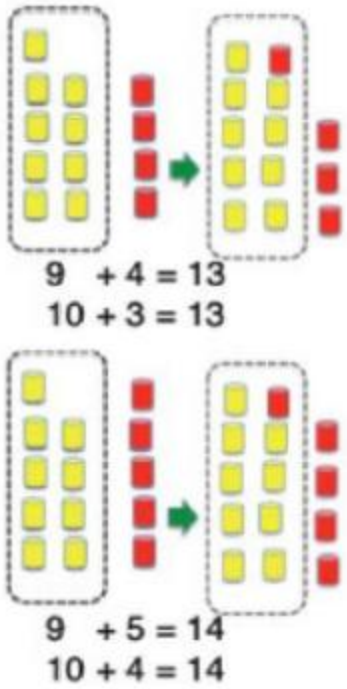
Ex. 6 – 1 = 5

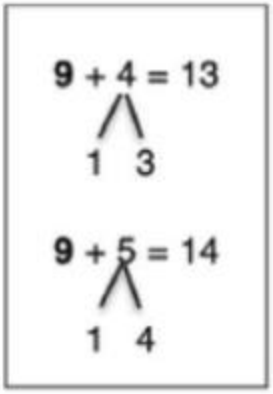


Topic B: Mental Strategies for Addition and Subtraction Within 20

Lesson 3: Make a ten to add within 20

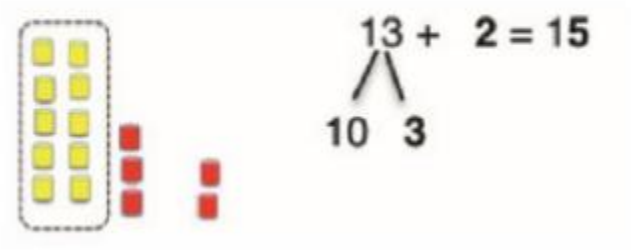
- Make a ten from a large common addend





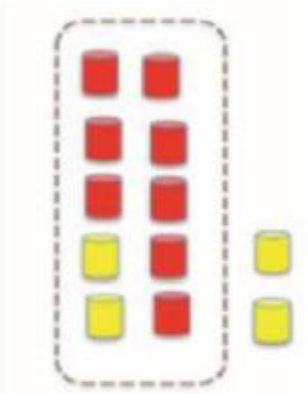
Lesson 4: Make a ten to add and subtract within 20

- When adding within the teens, decompose numbers so that they make tens, then add



Lesson 5: Decompose to subtract from a ten when subtracting within 20 and apply to one-step word problems

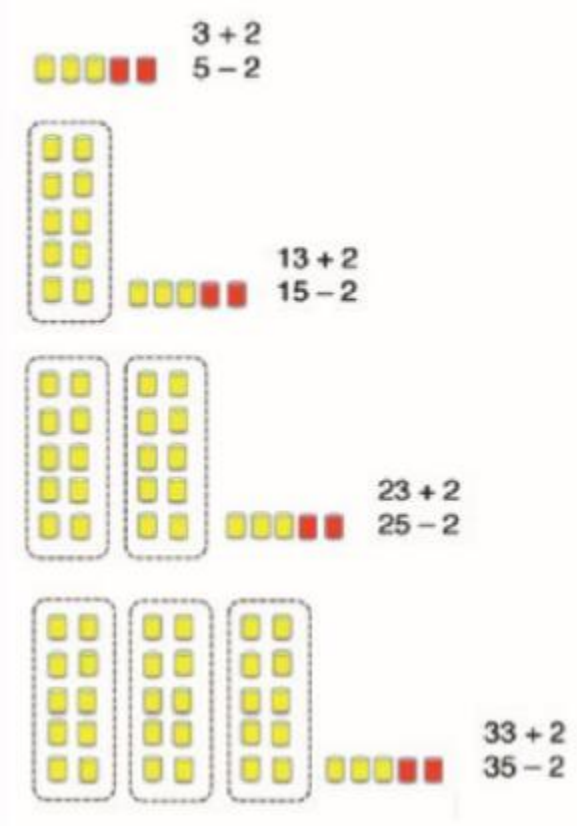
- When subtracting numbers in the teens, decompose numbers into tens and ones, then subtract the ones from the tens



Topic C: Strategies for Addition and Subtraction Within 100

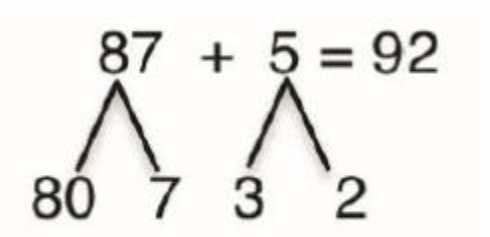
Lesson 6: Add and subtract within multiples of ten based on understanding place value and basic facts

- When adding and subtracting larger numbers, use the Say Ten Way to help recognize basic facts, then add or subtract tens and ones



Lesson 7: Add within 100 using properties of addition to make a ten

- Decompose numbers into tens and ones, making 10 bonds, then add tens and ones



Lesson 8: Decompose to subtract from a ten when subtracting within 100 and apply to one-step word problems

- To subtract single digit numbers from multiples of 10, decompose numbers into ten bonds, then subtract the ones and tens