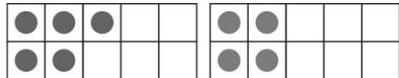


Master 23: Activity 10 Assessment

Adding and Subtracting to 20

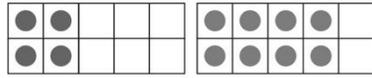
Addition Computational Behaviours/Strategies

1. Student counts three times to add quantities.



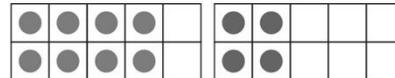
"1, 2, 3, 4, 5" "1, 2, 3, 4"
"1, 2, 3, ..., 7, 8, 9"

2. Student counts on from the smaller set to add quantities.



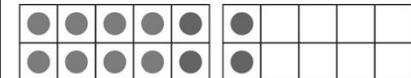
"4" "5, 6, 7, ..., 10, 11, 12"

3. Student counts on from the larger set to add quantities.



"8" "9, 10, 11, 12"

4. Student fluently adds quantities and demonstrates an understanding of addition.

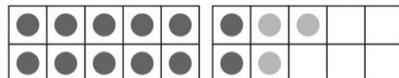


"10" "11, 12"

Observations/Documentation

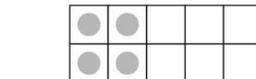
Subtraction Computational Behaviours/Strategies

1. Student counts three times to subtract quantities (e.g., counts counters in ten-frames, counts to remove counters, and then counts the leftover counters from 1).



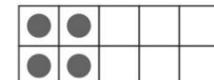
 "15, 14, 13"

3. Student counts back to subtract quantities, but removes more counters than there are.



 "I took away 6 counters and there are none left."

4. Student fluently subtracts quantities and demonstrates an understanding of subtraction.



 "I can't take away 6 because I only have 4."

Observations/Documentation