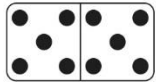


Master 101: Activity 37 Assessment

Operational Fluency: Consolidation

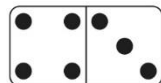
Adding and Subtracting Numbers to 20 Behaviours/Strategies

1. Student counts to add and subtract with quantities to 20.



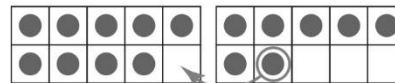
"1, 2, 3, ..., 8, 9, 10"

2. Student counts on or back to add and subtract with quantities to 20.



"4" "5, 6, 7"

3. Student uses ten-frames and counters or other materials to show a strategy when adding and subtracting with quantities to 20.



4. Student refers to doubles pictures when extending known sums to add and subtract with quantities to 20.

"8 + 9 = ?"



8 + 8 = 16

Observations/Documentation

5. Student uses the same strategy in every situation to add and subtract with quantities to 20.

"I like to use doubles!"

6. Student fluently adds with quantities to 20, but counts back by 1s to subtract.

7. Student adds and subtracts with quantities to 20 and extends known sums to solve other equations, but struggles to explain thinking.

8. Student fluently adds and subtracts with quantities to 20, extends known sums to solve other equations, and explains thinking.

Observations/Documentation