

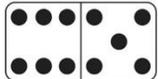
Master 20: Intervention Activity 8 Assessment

Making 20

Composing Quantities from Parts Behaviours/Strategies

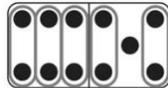
1. Student counts three times to compose quantities from parts.

"1, 2, 3, 4, 5, 6" "1, 2, 3, 4, 5"



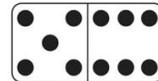
"1, 2, 3, ..., 9, 10, 11"

2. Student skip-counts by 2s to compose quantities from parts.



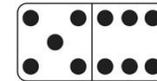
"2, 4, 6, 8, 10, 11"

3. Student instantly recognizes one of the parts (perceptual subitizing), and then counts on to compose quantities from parts.



"5" "6, 7, 8, 9, 10, 11"

4. Student uses number relationships to compose quantities from parts.



"I know 5 and 5 is 10, so 5 and 6 is 1 more, or 11."

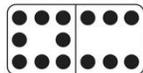
Observations/Documentation

Decomposing the Whole Behaviours/Strategies

1. Student chooses randomly to find dominoes with parts that make the same whole.

"Let's try this one."

2. Student finds dominoes with parts that make the same whole when the whole is small, but struggles when the whole is large.



"I don't know how to find another with this whole. There are too many dots."

3. Student finds all dominoes with parts that make the same whole, but does not see patterns in the parts.

"I sorted them, but I don't see any patterns."

4. Student uses patterns to systematically find all dominoes with parts that make the same whole.

Observations/Documentation