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| **Decomposing and Composing Quantities** | | |
| Randomly chooses a number as a part    “I like the number 150.” | Finds one part of a whole    “I thought of a number less than 125: 100.” | Counts on or back to find the other part    “I counted on: 100, 110, 120, 125;  the other part is 25.” |
| **Observations/Documentation** | | |
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| Composes the whole in different ways using known pairs  100 and 25  50 and 75 | Uses patterns systematically to compose the whole, considering 0    “I kept taking 1 from a part and  giving it to the other.” | Uses number relationships and mental strategies to compose the whole    “75: I know 50 and 50 make 100, and 25 more makes 125.” |
| **Observations/Documentation** | | |
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