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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 pairs100 and 2550 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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| **Comparing and Ordering Quantities**  |
| Orders numbers randomly**125 245 179**“I just put down any card.” | Models with manipulatives   | Uses benchmark on hundred chart or number line“I compared the numbers to 150.”  |
| **Observations/Documentation** |
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| Visualizes hundred chart or number line“I picture 179 farther to the right than 125.” | Compares numbers, digit by digit (with the same place value)“Both start with 1, 2 is less than 7, and 5 is less than 9. So, 125 is less than 179.” | Orders three or more quantities (e.g., using early place-value, mental strategies)**179 245 326**“326 is greatest because 3 hundreds is more than both 2 hundreds and 1 hundred.” |
| **Observations/Documentation** |
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