

Activity 6 Assessment

Composing and Decomposing Quantities

Decomposing and Composing Quantities

Randomly chooses a number as a part

Whole	
125	
Part	Part
150	

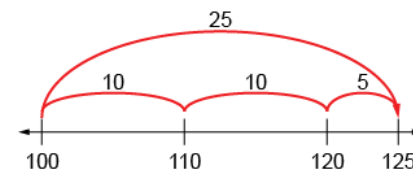
"I like the number 150."

Finds one part of a whole

Whole	
125	
Part	Part
100	

"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

Composes the whole in different ways using known pairs

100 and 25
50 and 75

Uses patterns systematically to compose the whole, considering 0

Part	Part
125	0
124	1
123	2
122	3

"I kept taking 1 from a part and giving it to the other."

Uses number relationships and mental strategies to compose the whole

Whole	
125	
Part	Part
50	75

"75: I know 50 and 50 make 100, and 25 more makes 125."

Observations/Documentation