



Master 45: Activity 17 Assessment

Decomposing 10

Representing and Counting Behaviours/Strategies				
<p>Student does not place all 10 counters in the pools.</p> <p>"1, 2, 3" "1, 2, 3, 4"</p>	<p>Student selects numbers randomly, 5 and 5, then 3 and 7.</p>	<p>Student counts three times to confirm how many.</p> <p>"1, 2, 3, 4, 5" "1, 2, 3, 4, ..., 8, 9, 10"</p>	<p>Student counts on to confirm how many.</p> <p>"3" "4, 5, ..., 8, 9, 10"</p>	
Observations/Documentation				
<p>Student removes all counters and starts again to find a new way.</p> <p>"1, ..."</p>	<p>Student finds many possible ways, but does not consider 0 or 10 children in a pool.</p>	<p>Student uses patterns to find all possible ways and models them with counters.</p>	<p>Student uses known number relationships to find all possible ways.</p> <p> $0 + 10 = 10$ $1 + 9 = 10$ $2 + 8 = 10$ $3 + 7 = 10$ $4 + 6 = 10$ $5 + 5 = 10$ $6 + 4 = 10$ $7 + 3 = 10$ $8 + 2 = 10$ $9 + 1 = 10$ $10 + 0 = 10$ </p>	
Observations/Documentation				