

Master 44: Activity 19 Assessment

Missing Numbers

Finding the Missing Number Behaviours/Strategies		
<p>1. Student uses a pan balance to solve for an unknown value in an addition problem, adding cubes until the pans balance (gives no thought to numbers).</p>	<p>2. Student turns over a card, but focuses on one side of the equation, giving no thought to the other side, and is unable to solve for an unknown value in an addition problem.</p> <p style="text-align: center;">$3 + 5 = 8 + 2$</p>	<p>3. Student solves for an unknown value in some addition problems, but struggles when the unknown number is in certain positions (e.g., at the start).</p> <p style="text-align: center;">$\square + 1 = 3 + 7$ “How do I find the missing number?”</p>
Observations/Documentation		
<p>4. Student successfully solves for an unknown value in addition problems, but struggles when the problems involve subtraction.</p> <p style="text-align: center;">$4 + 8 = 15 - \square$ “I can’t do subtraction.”</p>	<p>4 Student successfully solves for an unknown value in addition and subtraction problems regardless of its position, but struggles to explain thinking.</p>	<p>5 Student successfully solves for an unknown value in addition and subtraction problems regardless of its position, and explains thinking.</p>
Observations/Documentation		