

# Master 100: Activity 36 Assessment

## Multi-Digit Fluency

Estimating Sums and Differences Behaviours/Strategies			
<p>1. Student guesses and is unable to estimate sums and differences.</p> <p style="text-align: center;"><math>19 + 31</math> "200!"</p>	<p>2. Student estimates sums and differences, but estimate is unreasonable.</p> <p style="text-align: center;"><math>19 + 31</math> "20"</p>	<p>3. Student estimates sums and differences, but changes estimate to match actual sum or difference.</p>	<p>4. Student successfully estimates sums and differences of multi-digit numbers.</p>
Observations/Documentation			
Adding and Subtracting with Multi-Digit Numbers Behaviours/Strategies			
<p>1. Student counts and does not use efficient mental strategies to solve equations.</p>	<p>2. Student uses the same mental strategy to solve all equations with multi-digit numbers.</p>	<p>3. Student uses efficient mental strategies to solve addition equations with multi-digit numbers, but struggles with subtraction.</p>	<p>4. Student successfully uses efficient mental strategies to solve equations with multi-digit numbers.</p>
Observations/Documentation			