

Master 100: Activity 36 Assessment

Multi-Digit Fluency

Estimating Sums and Differences Behaviours/Strategies

1. Student guesses and is unable to estimate sums and differences.

$$19 + 31$$

"200!"

2. Student estimates sums and differences, but estimate is unreasonable.

$$19 + 31$$

"20"

3. Student estimates sums and differences, but changes estimate to match actual sum or difference.

4. Student successfully estimates sums and differences of multi-digit numbers.

Observations/Documentation

Adding and Subtracting with Multi-Digit Numbers Behaviours/Strategies

1. Student counts and does not use efficient mental strategies to solve equations.

2. Student uses the same mental strategy to solve all equations with multi-digit numbers.

3. Student uses efficient mental strategies to solve addition equations with multi-digit numbers, but struggles with subtraction.

4. Student successfully uses efficient mental strategies to solve equations with multi-digit numbers.

Observations/Documentation