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| **Estimating Sums and Differences Behaviours/Strategies** |
| 1. Student guesses and is unable to

estimate sums and differences.49 + 51“500!” | 1. Student estimates sums and

differences, but estimate isunreasonable.49 + 51“50” | 1. Student estimates sums and

differences, but changes estimate to match actual sum or difference. | 1. Student successfully estimates

sums and differences of multi- digit numbers. |
| **Observations/Documentation** |
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| **Adding and Subtracting with Multi-Digit Numbers** **Behaviours/Strategies** |
| 1. Student counts and does not use

efficient mental strategies to solve equations. | 1. Student uses the same mental

strategy to solve all equations with multi-digit numbers. | 1. Student uses efficient mental

strategies to solve additionequations with multi-digit numbers, but struggles with subtraction. | 1. Student successfully uses efficient mental strategies to solve equations with multi-digit numbers and uses inverse operations to check answers.
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| **Observations/Documentation** |
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