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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 is  unreasonable.  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 addition  equations 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. |
| **Observations/Documentation** | | | |
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