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| **Adding and Subtracting Fractions** |
| Estimates the sum or difference of fractions or mixed numbers2+ 3 “Because is a small fraction, I can think of the second number as 3. To compensate and because is a bigger fraction, I’ll think of thefirst number as 3. My estimate for the sum is 3 + 3 = 6.” | Adds or subtracts fractions or mixed numbers“To add 2+ 3, I’m going to think of the whole numbers and fractions separately.  (2 + 3) + (+ )= 5 + (+ )I need to express both fractions with the same denominator. = 5 + (+ × )= 5 + (+ )= 5” | Completes calculations involving both adding and subtracting fractions or mixed numbers“1− + I’m going to write equivalent fractions with denominators of 8. 1 + (× ) – + (× )= 1− + = 1+ = 1" | Solves problems that involve the addition and/or subtraction of fractions“Samar is cutting pieces from a 4 ft long wooden board. How much is left after they cut a piece 1ft longand another piece ft long?I can represent this with the expression 4 – 1– .First, I’ll subtract the whole numbers. 4 – 1– = 3 – – Next, I’ll write each number as a fraction with a denominator of 12.= – – = , or 1There are 1ft left.” |

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| **Observations/Documentation** |
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