Rubric for 5 NF 2

	I 5NF2 – Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. *For example, recognize an incorrect result 2/5 + 1/2 = 3/7, by observing that 3/7 < 1/2.*
4	Student demonstrate and teach any of the concepts in level 3 to other Student effectively. Student can extend estimation skills with fractions beyond benchmark fractions.
3	Student consistently: ● Solve word problems involving addition and subtraction of fractions referring to the same whole, including unlike denominators by using visual fraction models or equations to represent the problem. ● use benchmark fractions and number sense of fractions to estimate mentally and assess reasonableness of answers
2	Student can solve word problems involving addition and subtraction of fractions with unlike denominators, including mixed numbers, by replacing given fractions with equivalent fractions using visual models only but are not able to explain how to find common denominators **or** not able to explain which operation to use.
1	Student demonstrate minimal or no understanding of how to apply fractions to solve word problems.

Consistent is defined as successful demonstration on three or more consecutive attempts.

4 = Exceeds standard

3 = Meets standard consistently

2 = Does not yet meet standard, is inconsistent

1 = Warning: Significantly below standard

NA = Standard not addressed this trimester

Major Content **Supporting Content** **Additional Content**