



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 4 COURSE NAME: Math MEASUREMENT TOPIC: Build Fractions to Add and Subtract Fractions and Mixed Numbers	
4	In addition to Score 3, the student makes in-depth inferences and applications. Evaluate a solution to a word problem involving addition and subtraction of fractions, mixed numbers, or fractions greater than 1.
3	Model and justify decompositions of fractions and explain addition and subtraction of fractions as joining or separating parts referring to the same whole. <ul style="list-style-type: none">• Solve word problems by adding and subtracting fractions and mixed numbers with like denominators using<ul style="list-style-type: none">• Visual fraction models, drawings, AND equations to represent the problem (write equation)• Add and subtract mixed numbers with like denominators using:<ul style="list-style-type: none">• Fraction equivalence, properties of operations, and the relationship between addition and subtraction.• Add and subtract fractions with like denominators using:<ul style="list-style-type: none">• Fractional equivalence, properties of operations, and the relationship between addition and subtraction
2	<ul style="list-style-type: none">• Decompose a fraction as a sum of unit fractions and as a sum of fractions with the same denominator in more than one way using area models, length models, and equations.

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With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

Key Vocabulary: addition, subtraction, decompose, denominator, numerator, unit fraction, equivalent, mixed numbers