

Video Title	Grade Level	Domain (Topic)	Cluster	Standard
Adding Fractions	4th	Number and Operations—Fractions	Build fractions from unit fractions by applying and extending previous understandings of operations on	CCSS.MATH.CONTENT.4.NF.B.3 Understand a fraction a/b with $a > 1$ as a sum of fractions $1/b$.
				CCSS.MATH.CONTENT.4.NF.B.3.A Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.
				CCSS.MATH.CONTENT.4.NF.B.3.D Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators, e.g., by using visual fraction models and equations to represent the problem.
Adding Fractions	5th	Number and Operations—Fractions	Use equivalent fractions as a strategy to add and subtract fractions	CCSS.MATH.CONTENT.5.NF.A.1 Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $2/3 + 5/4 = 8/12 + 15/12 = 23/12$. (In general, $a/b + c/d = (ad + bc)/bd$.)
	5th	Number and Operations—Fractions	Use equivalent fractions as a strategy to add and subtract fractions	CCSS.MATH.CONTENT.5.NF.A.2 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 $3/7 < 1/2$.