Unit Name	Investigations	Sessions	Math Main Ideas	Assessments
UNIT 3 - RECTANGLE, CLOCKS, AND TRACKS *Rational Numbers 1: Addition and Subtraction*	1 - 3	19		Checklists, Games, Quizzes and Unit Test
5.OA.A.1 Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols. **5.OA.A.2** Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. For example, express the calculation "add 8 and 7, then multiply by 2" as 2 × (8 + 7). Recognize that 3 × (18932 + 921) is three times as large as 18932 + 921, without having to calculate the indicated sum or product.	1 – COMPARING AND ORDERING FRACTIONS	1.1-1.6	Finding equivalents and comparing fractions	
5.NBT.B.5 Fluently multiply multi-digit whole numbers using the standard algorithm. **5.NBT.B.6** Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.	2 – ADDING AND SUBTRACTING FRACTIONS	2.1-2.6	Finding equivalents and comparing fractions Adding and subtracting fractions	**Quiz 1 A21** 2.4 **A22 Addition and Subtraction with fractions** 2.7
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.) **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 . **5.MD.B.2** Make a line plot to display a data set of measurements in fractions of a unit (1/2 , 1/4 , 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.	3- ADDING AND SUBRTACTING MIXED NUMBERS	3.1-3.6	Finding equivalents and comparing fractions Adding and subtracting fractions	**Quiz 2 A24-25** 3.5 **A26-27 Addition and Subtraction with fractions and mixed numbers** 3.6 **UNIT 3 TEST**