Math 2-5: Number and Operations: Number and Operations - Fractions

Fractions: Represent and Solve Word Problems

Students	Learning Continuum Statements:
Students:	**RIT 191-200:** • Solves one-step word problems involving addition and subtraction of fractions with like denominators • Solves one-step word problems involving addition and subtraction of fractions with like denominators using models • Solves one-step word problems involving addition and subtraction of mixed numbers with like denominators • Solves one-step word problems involving multiplication of whole numbers and unit fractions • Solves word problems about finding equivalent fractions
Students:	**RIT 201-210:** • Solves multi-step word problems involving addition and subtraction of fractions with like denominators • Solves one-step word problems involving addition and subtraction of fractions with like denominators • Solves one-step word problems involving addition and subtraction of fractions with like denominators using models • Solves one-step word problems involving multiplication of whole numbers and unit fractions • Solves word problems about finding equivalent fractions
Students:	**RIT 211-220:** • Solves multi-step word problems involving addition and subtraction of fractions with like denominators • Solves multi-step word problems involving addition and subtraction of fractions with unlike denominators • Solves multi-step word problems involving whole numbers, fractions and/or mixed numbers • Solves one-step word problems involving addition and subtraction of fractions with like denominators • Solves one-step word problems involving addition and subtraction of fractions with like denominators using models • Solves one-step word problems involving addition and subtraction of mixed numbers with unlike denominators • Solves one-step word problems involving division of whole numbers by unit fractions • Solves one-step word problems involving multiplication of whole numbers and either fractions or mixed numbers • Solves one-step word problems involving multiplication of whole numbers and unit fractions • Solves word problems about finding equivalent fractions
Students:	**RIT 221-230:** • Represents and solves word problems involving division of whole numbers where the quotient is a fraction • Solves multi-step word problems involving addition and subtraction of fractions with like denominators • Solves multi-step word problems involving addition and subtraction of fractions with unlike denominators • Solves multi-step word problems involving whole numbers, fractions and/or mixed numbers • Solves one-step word problems involving addition and subtraction of fractions with like denominators • Solves one-step word problems involving addition and subtraction of fractions with unlike denominators

- Solves one-step word problems involving addition and subtraction of mixed numbers with unlike denominators
- Solves one-step word problems involving division of fractions or mixed numbers
- Solves one-step word problems involving division of unit fractions by whole numbers
- Solves one-step word problems involving division of whole numbers by unit fractions
- Solves one-step word problems involving multiplication of whole numbers and either fractions or mixed numbers
- Solves one-step word problems involving multiplication of whole numbers and unit fractions

Students:	RIT 231-240:
	• Represents and solves word problems involving division of whole numbers where the quotient is a fraction
	• Solves multi-step word problems involving addition and subtraction of fractions with unlike denominators
	• Solves multi-step word problems involving whole numbers, fractions and/or mixed numbers
	• Solves one-step word problems involving addition and subtraction of fractions with unlike denominators
	• Solves one-step word problems involving addition and subtraction of mixed numbers with unlike denominators
	• Solves one-step word problems involving division of fractions or mixed numbers
	• Solves one-step word problems involving division of unit fractions by whole numbers
	• Solves one-step word problems involving division of whole numbers by fractions or mixed numbers
	• Solves one-step word problems involving division of whole numbers by unit fractions
	• Solves one-step word problems involving multiplication of fractions or mixed numbers
	• Solves one-step word problems involving multiplication of whole numbers and either fractions or mixed numbers

Students:	RIT 241-250:
	• Represents and solves word problems involving division of whole numbers where the quotient is a fraction
	• Solves one-step word problems involving division of fractions or mixed numbers
	• Solves one-step word problems involving multiplication of fractions or mixed numbers

Students:	RIT 251-260:
	• Represents word problems involving multiplication of fractions or mixed numbers with expressions or equations
	• Solves one-step word problems involving division of fractions or mixed numbers
	• Solves one-step word problems involving multiplication of fractions or mixed numbers