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

Fractions: Multiplication/Division

Students	Learning Continuum Statements:
Students:	**RIT 191-200:** • Multiplies fractions by fractions, results not in simplest form
Students:	**RIT 201-210:** • Multiplies fractions by fractions, results not in simplest form • Understands that finding fractions of whole numbers is the same as finding their product
Students:	**RIT 211-220:** • Divides fractions by fractions, results in simplest form • Understands that finding fractions of whole numbers is the same as finding their product
Students:	**RIT 221-230:** • Divides fractions by fractions, results in simplest form • Divides fractions by whole numbers, results in simplest form • Divides mixed numbers by fractions, results in simplest form • Divides mixed numbers by mixed numbers, results in simplest form • Divides two whole numbers with a quotient in the form of a fraction or a mixed number • Multiplies fractions by fractions, results in simplest form • Multiplies fractions by whole numbers, results in simplest form • Multiplies fractions by whole numbers, results not in simplest form • Multiplies mixed numbers by fractions, results in simplest form
Students:	**RIT 231-240:** • Divides fractions by fractions, results in simplest form • Divides fractions by mixed numbers, results in simplest form • Divides fractions by whole numbers, results in simplest form • Divides mixed numbers by fractions using models • Divides mixed numbers by fractions, results in simplest form • Divides mixed numbers by mixed numbers, results in simplest form • Divides mixed numbers by whole numbers, results in simplest form • Divides whole numbers by fractions using models • Divides whole numbers by fractions, results in simplest form • Divides whole numbers by mixed numbers, results in simplest form • Multiplies fractions by fractions, results in simplest form • Multiplies mixed numbers by fractions, results in simplest form • Multiplies mixed numbers by mixed numbers, results in simplest form • Multiplies mixed numbers by whole numbers, results in simplest form • Understands the effect of multiplying whole numbers by fractions less than 1
Students:	**RIT 241-250:** • Divides fractions by fractions, results in simplest form • Divides mixed numbers by fractions using models • Divides mixed numbers by fractions, results in simplest form • Divides mixed numbers by mixed numbers, results in simplest form • Divides whole numbers by fractions, results in simplest form • Multiplies fractions by fractions, results in simplest form • Multiplies mixed numbers by fractions, results in simplest form • Multiplies mixed numbers by mixed numbers, results in simplest form • Understands that finding fractions of fractions is the same as finding their product • Understands that multiplying a whole number by a unit fraction is the same as dividing by the fraction's denominator