

Common Core: Math
5th Grade Module 4

MD: Measurement and Data
OA: Operations and Algebraic Thinking
NBT: Numbers and Operations in Base Ten
NF: Numbers and Operations-Fractions
G: Geometry

Topic	Standards	Help
Line Plots of Fraction Measurements Lessons 1	5.MD.2	Solve problems involving measurement data in fractions of a unit displayed line plots
Fractions as Division Lessons 2-5	5.NF.3	Interpret a fraction as division and answer division problems using fractions Interpret fractions as division and solve problems leading to answers in the form of fractions Interpreting fractions as division of the numerator by the denominator Interpret fractions as division and solving word problems involving division of whole numbers resulting in fraction answers Understand fractions as a division of the numerator by the denominator
Multiplication of a Whole Number by a Fraction Lessons 6-9	5.NF.4a	Interpret the product $(a/b) \times q$ as a part of a partition of q into b equal parts Multiply fractions
Fraction Expressions and Word Problems Lessons 10-12	5.OA.1 5.OA.2 5.NF.4a	Use parentheses and interpret and evaluate expressions with parentheses Use parentheses, brackets, or braces in numerical expressions Write, interpret, describe, and reason about expressions Write and interpret expressions Interpret the product $(a/b) \times q$ as a part of a partition of q into b equal parts Multiply fractions

	5.NF.6	Solve problems involving multiplication of fractions and mixed numbers Multiply fractions and mixed numbers
Multiplication of a Fraction by a Fraction Lessons 13-20	5.NBT.7	Multiply and divide by decimals to the hundredths Adding and subtracting decimals to hundredths
	5.NF.4a	Interpret the product $(a/b) \times q$ as a part of a partition of q into b equal parts Multiply fractions
	5.NF.6	Solve problems involving multiplication of fractions and mixed numbers Multiply fractions and mixed numbers
	5.MD.1	Convert measurement units and solve real world problems Convert among different-sized measurement units and use these conversions to solve real-world problems
	5.NF.4b	Find area of rectangle with fractional side lengths
Multiplication with Fractions and Decimals as Scaling and Word Problems Lessons 21-24	5.NF.5	Interpret multiplication as scaling and predict the outcome of multiplying by fractions less than, greater than, and equal to one Interpret multiplication as scaling Interpret multiplication as scaling and predict the outcome of multiplying by fractions less than, greater than, and equal to one Interpret multiplication as scaling
	5.NF.6	Solve problems involving multiplication of fractions and mixed numbers Multiply fractions and mixed numbers
Division of Fractions and Decimal Fractions Lessons 25-31	5.OA.1	Use parentheses and interpret and evaluate expressions with parentheses Use parentheses, brackets, or braces in numerical expressions

