

Grade 4 Unit 4 Study Guide

Fractions and Decimals

New Jersey Student Learning Standards: 4.OA.B.4; 4.NF.A.1; 4.NF.A.2; 4.NF.B.3a; 4.NF.B.3b; 4.NF.B.3c; 4.NF.B.3d; 4.NF.B.4a; 4.NF.B.4b; 4.NF.B.4c; 4.NF.C.5; 4.NF.C.6; 4.NF.C.7

enVision 2.0 Lesson	Lesson Name
7-1	Understand Factors
7-2	Factors
7-3	Math Practices & Problem Solving: Repeated Reasoning
7-4	Prime and Composite Numbers
7-5	Multiples
8-1	Equivalent Fractions: Area Models
8-2	Equivalent Fractions: Number Lines
8-3	Generate Equivalent Fractions: Multiplication
8-4	Generate Equivalent Fractions: Division
8-5	Use Benchmarks to Compare Fractions
8-6	Compare Fractions
8-7	Math Practices and Problem Solving: Construct Arguments
9-1	Model Addition of Fractions
9-2	Decompose Fractions
9-3	Add Fractions with Like Denominators
9-4	Model Subtraction of Fractions
9-5	Subtraction Fractions with Like Denominators
9-6	Add and Subtract Fractions with Like Denominators
9-7	Estimate Fraction Sums and Differences
N/A	Improper Fractions and Mixed Numbers
9-8	Model Addition and Subtraction of Mixed Numbers
9-9	Add Mixed Numbers
9-10	Subtract Mixed Numbers
9-11	Math Practices and Problem Solving: Model with Math
10-1	Fractions as Multiples of Unit Fractions: Use Models
10-2	Multiply a Fraction by a Whole Number: Use Models
10-3	Multiply a Fraction by a Whole Number: Use Symbols
10-4	Multiply a Whole Number and a Mixed Number
10-5	Solve Time Problems
10-6	Math Practices and Problem Solving: Model with Math
12-1	Fractions and Decimals
N/A	Equivalent Fractions and Decimals
12-2	Fractions and Decimals on the Number Line
12-3	Compare Decimals
12-4	Add Fractions with Denominators of 10 and 100
12-5	Solve Word Problems Involving Money
12-6	Math Practices and Problem Solving: Look For and Use Structure