



Perceptions Blue

SCOPE & SEQUENCE

for Multiplication, Division, and Fractions

Unit 1 - Understanding Multiplication and Division

- Lesson 1: Multiplication: Repeated Addition, Making Rectangles and Squares
- Lesson 2: Factors and Products
- Lesson 3: Beginning Factoring
- Lesson 4: Factoring and Prime & Composite Numbers
- Lesson 5: Beginning Division
- Lesson 6: Solving for Unknowns

Unit 2 - Multi-Digit Multiplication and Division

- Lesson 7: Distributive Property and Place-Value Notation (Expanded Form)
- Lesson 8: Two-Digit Multiplication
- Lesson 9: Two-Digit Multiplication with Regrouping
- Lesson 10: Long Division
- Lesson 11: Division with Remainders
- Lesson 12: Multi-Digit Multiplication
- Lesson 13: Multi-Digit Division

Unit 3 - Introduction to Fractions

- Lesson 14: Interrelationships: Combine & Compare
- Lesson 15: Rational Numbers: Ratios & Fractions
- Lesson 16: Parts of a Fraction and Fraction of a Number
- Lesson 17: Types of Fractions and Comparing/Combining Fractions
- Lesson 18: Add & Subtract Fractions with Same Denominators & Decomposing Fractions
- Lesson 19: Equivalent Fractions
- Lesson 20: Finding Equivalencies, Simplifying, and GCF

Unit 4 – Operations with Fractions Part 1

- Lesson 21: Adding and Subtracting Fractions
- Lesson 22: Cross-Multiplication (Concrete)
- Lesson 23: Cross-Multiplication (Abstract)
- Lesson 24: Changing Improper Fractions & Mixed Numbers
- Lesson 25: Addition with Improper Fractions & Mixed Numbers
- Lesson 26: Subtraction with Improper Fractions & Mixed Numbers
- Lesson 27: Adding Multiple Fractions

Unit 5 – Operations with Fractions Part 2

- Lesson 28: Multiplication with Fractions
- Lesson 29: Division with Fractions
- Lesson 30: Division with Fractions Using the Reciprocal
- Lesson 31: Canceling (Pre-reducing) when Multiplying Fractions
- Lesson 32: Solving for Unknowns in Fractions
- Lesson 33: Solving for Unknowns **(Optional)**

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for Your Students

