# MATH | GRADE 4

5. APPLICATION AND REVIEW

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Objectives this objectiv

Calvert 4th Grade Math goes beyond whole numbers and incorporates fractions and decimals into basic arithmetic operations. Additional lessons on lines and shapes, estimation, charts and graphs, and measurement provide students with a well-rounded education.

SEQUENCING AND ROL

You have

To add fractions, draw the fraction

2.11 Draw two more circles. Divide each into 5 equal parts. C

er lines can be used for fraction:

Complete these activities.

Circle the 1 and  $\frac{5}{5}$ . Circle the 2 and the  $\frac{10}{5}$ . Circle  $\frac{8}{5}$ 

Write the denominator. Add just the numerators.

15 of the

circles to represent 8

2.12

1615

Writet 2.13

8/5

2.14

2.15

# GRADE 4 | MATH

# Scope & Sequence

## WHOLE NUMBERS AND FRACTIONS

- Naming whole numbers
- Naming fractions
- Sequencing patterns
- Numbers to 1,000

# MULTIPLYING WHOLE NUMBERS

- Operation symbols
- Multiplication 1-digit multipliers
- Addition and subtraction of fractions
- Numbers to 10,000

#### SEQUENCING AND ROUNDING

- Multiplication with carrying
- Rounding and estimation
- Sequencing fractions

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• Numbers to 100,000

## LINES AND SHAPES

- Plane and solid shapes
- Lines and line segments
- Addition and subtraction
- Multiplication with carrying

#### **DIVISION AND MEASUREMENTS**

- Division 1–digit divisors
- Families of facts
- Standard measurements
- Number grouping

# **DIVISION, FACTORS, AND** FRACTIONS

- Division 1-digit divisors with remainders
- Factors and multiples

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- Improper and mixed fractions
- Equivalent fractions

#### WHOLE NUMBERS AND FRACTIONS

- Multiplication 2-digit multipliers
- Simplifying fractions
- Averages
- Decimals in money problems
- Equations

### WHOLE NUMBERS AND FRACTIONS

- Division 1-digit divisors
- Fractions and unlike denominators
- Metric units
- Whole numbers: +, -, x, ÷

## **DECIMALS AND FRACTIONS**

- Reading and writing decimals
- Adding and subtracting mixed numbers
- Cross multiplication
- Estimation

#### ESTIMATION, CHARTS, AND GRAPHS

- Estimation and data gathering
- Charts and graphs
- Review numbers to 100,000
- Whole numbers: +, -, x, ÷

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