Module Overviews



Module 1: Place Value Concepts for Addition and Subtraction

In module 1, students use multiplicative comparisons to describe place value relationships and the relative sizes of metric units. They build fluency with the standard algorithm for addition and subtraction with numbers of up to 6 digits.

Module 2: Place Value Concepts for Multiplication and Division

In module 2, students multiply two-digit numbers by one-digit numbers by using the distributive property. They divide two- and three-digit numbers by one-digit numbers by using the break apart and distribute strategy. Students apply their multiplication skills to convert customary units of length. They also identify factors and multiples of numbers within 100.

Module 3: Multiplication and Division of Multi-Digit Numbers

In module 3, students multiply numbers of up to four digits by one-digit numbers and two-digit numbers by two-digit numbers. Students also divide numbers of up to four digits by one-digit numbers, resulting in whole-number quotients and remainders.

Module 4: Foundations for Fraction Operations

In module 4, students rename fractions greater than 1 as mixed numbers, generate equivalent fractions, compare fractions with unlike units, and add and subtract fractions and mixed numbers with like units. Students also multiply fractions and mixed numbers by whole numbers.

Module 5: Place Value Concepts for Decimal Fractions

Module 5 extends students' understanding of tenths and hundredths as fractional units to recognizing tenths and hundredths as place value units. They compare decimal numbers and add mixed numbers and fractions with the unlike, but related, units of tenths and hundredths.

Module 6: Angle Measurements and Plane Figures

In module 6, students identify attributes of polygons including side length and the presence or absence of pairs of parallel sides, pairs of perpendicular sides, and angle types. They use protractors to measure and draw angles accurately. Students also identify and draw lines of symmetry.