

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Chapter 1 Place value Addition Subtraction	<ul style="list-style-type: none"> • Compare, order, round numbers • Estimate sums, add whole numbers, mental math • Estimate differences, subtract whole numbers, mental math 	<ul style="list-style-type: none"> • Chapter test • Answer questions from charts and tables • Estimating skills, basic comp., mental math skills • Stimulating skills, basic comp., mental math skills
Chapter 2 Multiplication	<ul style="list-style-type: none"> • Multiples, mental math – 10, 100, 1000; estimating products; problem-solving; multiply by 2 and 3-digit numbers 	<ul style="list-style-type: none"> • Chapter test • Drawing a diagram, choosing a computation, Napier Rods Method, Math-at-Home activity
Chapter 3 Measurement	<ul style="list-style-type: none"> • Customary units of length, time and temperature 	<ul style="list-style-type: none"> • Chapter test • Measure objects in room
Chapter 3 Geometric Figures	<ul style="list-style-type: none"> • Perimeters & areas of square, rectangle, triangle 	<ul style="list-style-type: none"> • Demonstration of knowledge through activities and worksheets
Chapter 4 Division with one-digit divisors	<ul style="list-style-type: none"> • Mental math estimating quotients; zeros in quotient. Missing factors (algebra). Finding average; write and solve equation 	<ul style="list-style-type: none"> • Chapter test • Cooperative learning problem-solving workshop. • Number-sense project measuring and averaging
Chapter 5 Division with two-digit divisors	<ul style="list-style-type: none"> • Mental math, estimating, rounding 	<ul style="list-style-type: none"> • Chapter test • Problem-solving workshop: interpreting data, finding averages, multiple-step problem solving, visual thinking, real-life decision Math-at-Home activity
Chapter 6 Geometric solids	<ul style="list-style-type: none"> • Identify solid shapes – cubes rectangle prism 	<ul style="list-style-type: none"> • Chapter test • Problem-solving workshop

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Chapter 6 Measurement	<ul style="list-style-type: none"> Finding volume; customary and metric units of capacity 	<ul style="list-style-type: none"> Chapter test Counting cubes; $V=L \times W \times H$; using data from a table to solve problems
Chapter 8 Multiplication of decimals Chapter 8 Addition of decimals Chapter 7 Subtracting decimals	<ul style="list-style-type: none"> Place value to hundred thousands and hundred thousandths. Problem-solving multi-step. Multiplying a decimal by a whole number. Mental math. Estimating. Multiplying by 10;100;1000. Place value to thousands place. Computing and ordering decimals. Rounding and estimating decimals. Adding and subtracting decimals 	<ul style="list-style-type: none"> Chapter test Problem-solving workshop Number sense ties in with Perimeter (Ch 3) Enrichment p. 278 Decimal Metric Logical reasoning using a grid (p. 224) Word problems--too much/little information Enrichment (p. 242) Data tile (p. 244, 245)
Chapter 9 Patterns Coordinate Graphing	<ul style="list-style-type: none"> Identify patterns in pictures, numbers. Locating points with ordered pairs, using data from graphs Prime number factoring 	<ul style="list-style-type: none"> Chapter test Authentic Assessment (p. 284-paper folding) Pattern practice (cafeteria table placement, p.285) Locating points (ordered pairs) (E-91 worksheet) Interpret graph data (E-92 worksheet)
Chapter 10 Fraction concepts	<ul style="list-style-type: none"> Numerator, denominator, equivalent fractions, lowest terms, mixed numbers, improper fractions; estimating; solving problems using fractions, least common denominator, comparing—fractions to decimals 	<ul style="list-style-type: none"> Chapter test Fractions from pictures (p. 309) Student writing-math connection (activity p.315; p.317; p.319 in math manual)

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Chapter 11 Subtraction/addition of fractions	<ul style="list-style-type: none"> Interpret remainder; add-subtract fractions; same denominator; mixed numbers; subtract from whole numbers; add/subtract different denominators 	<ul style="list-style-type: none"> Chapter test Written activity using ongoing assessment (math manual p.343, 345, 347) Problem-solving using fractions (Enrichment p.109) Number sense project (p.355 Math manual)
Chapter 12 Multiplication of fractions	<ul style="list-style-type: none"> Multiply fractions by using pictures; with whole numbers; with mixed numbers data from tables; division of fractions 	<ul style="list-style-type: none"> Chapter test Writing-math connection (p.389 - in words write "how x fraction"); (p.391 - build understanding using cooperative learning); (p.393 - problem-solving fractions); (p.394-395 - real-life application); (p.401 - student write word problems)
Chapter 13 Statistics Graphing Probability CSMP - P	<ul style="list-style-type: none"> Solve problems by using data from surveys --read, interpret graphs (line, bar, circle, pictographs) --solve problems by making graphs --determining possible outcomes --tally charts 	<ul style="list-style-type: none"> Demonstration of knowledge through activities and worksheets using CSMP program
Chapter 14 Geometry	<ul style="list-style-type: none"> Recognizing solid shapes, polygons, know geometric vocabulary (lines, segments) types of triangles, circles (vocabulary), congruent, symmetry 	<ul style="list-style-type: none"> Chapter test Application; practice sheet p. 139, make list of solids, shapes in environment; Math-writing about triangles p. 461; Critical thinking – practice sheet 145 (Manual p. 474)
Chapter 15 Ratio Proportion Percentage	<ul style="list-style-type: none"> Writing ratios using pictures; missing numbers in ratios, solving problems using ratios, percents, going from percents to decimals 	<ul style="list-style-type: none"> Chapter test (Manual): p.494 - number sense #15; p.503 - problem-solving; Enrichment (p.158) using fractions, percents, decimals