





CONTENTS



ADD & SUBTRACT

- 2 One Man Against the Flames
- 4 Whole Number Place Value
- Add Whole Numbers
- 8 Subtract Whole Numbers
- 10 Decimal Place Value
- 12 Add & Subtract Decimals
- 14 Solving Problems
- 16 Positive & Negative Numbers
- 18 Roman Numerals
- 20 Patterns
- 22 Chapter 1 Review
- 24 Grade 5 Review
 - 27 Career Link: Carpenter



DIVIDE BY A WHOLE NUMBER

- 50 Triumph After Tragedy
- 52 Division
- 54 Multiples of 10
- 56 2-Digit Divisors
- 58 Divide a Decimal by a Whole Number
- 60 Divide a Decimal by 2-Digit Divisors
- 62 Divide by a Power of 10
- 64 Order of Operations
- 66 Multi-Step Problems
- 68 Chapter 3 Review
- 70 Cumulative Review
 - 73 Career Link: Highway Patrol Officer



MULTIPLY BY A WHOLE NUMBER

- 28 Saved by a Stranger
- 30 Multiplication
- 32 Multiples of 10
- 34 Exponents
- 36 1- & 2-Digit Multipliers
- 38 Multiply Decimals by a Whole Number
- 40 3-Digit Multipliers
- 42 Squares & Square Roots
- 44 Chapter 2 Review



- 46 Cumulative Review
 - 49 Exploring Ideas: High Power Calculations



Test Prep



FRACTION THEORY

- 74 Hands Across the Chasm
- 76 Greatest Common Factor
- 78 Least Common Multiple
- 80 Proper Fractions
- 82 Improper Fractions & Mixed Numbers
- 84 Equivalent Fractions
- 86 Compare & Order Fractions
- 88 More Comparing Fractions
- 90 Fractions & Percents
- 92 Chapter 4 Review



- 94 Cumulative Review
 - 97 Career Link: Pediatrician



ADD & SUBTRACT FRACTIONS

- 98 A Race Against Midnight
- 100 Estimate Sums & Differences
- 102 Add & Subtract Like Fractions
- 104 Add & Subtract Related Fractions
- 106 Add & Subtract Unlike Fractions
- 108 More Fractions & Mixed Numbers
- 110 Guess & Check
- 112 Chapter 5 Review
- 114 Cumulative Review
 - 117 Career Link: Printer



PLANE FIGURE GEOMETRY

- 118 By the Pull of a Cord
- 120 Basic Geometric Figures
- 122 Types of Lines
- 124 Classifying & Measuring Angles
- 126 Angle Relationships
- Polygons 128
- 130 Triangles
- 132 Quadrilaterals
- 134 Congruent & Similar Figures
- Transformations & Symmetry
- 138 Circles
- 140 3-Dimensional Figures
- 142 Chapter 6 Review



- 144 Cumulative Review
 - 147 Career Link: Computer Systems Analyst



MULTIPLY FRACTIONS & DECIMALS

- 148 A Relay of Hope
- Multiply Fractions
- 152 Simplify
- 154 Multiply Mixed Numbers
- 156 Multiply Decimals
- 158 More Multiplying Decimals
- 160 Between Numbers
- 162 Chapter 7 Review



- 164 Cumulative Review
 - 167 Career Link: Travel Agent



DIVIDE FRACTIONS

- 168 Daring the Wind
- 170 Divide by a Fraction
- 172 Divide Fractions
- 174 Multiply by the Reciprocal
- 176 Mixed Numbers & Reciprocals
- 178 Multi-Step Equations
- 180 Properties
- 182 More Multi-Step Word Problems
- 184 Chapter 8 Review



189 Career Link: Environmental Analyst



DIVIDE DECIMALS

- 190 Danger on the Slopes
- 192 Divide Decimals
- 194 Estimate
- 196 Repeating Decimals
- 198 Fractions as Decimals
- 200 Divide by a Decimal
- 202 More Dividing Decimals
- 204 Real Numbers
- 206 Chapter 9 Review
- 1 208 Cumulative Review
 - 211 Exploring Ideas: Logic





EQUATIONS

- 212 Lights at Sunset
- 214 Expressions
- 216 Equations
- 218 Simplify Expressions
- 220 Addition & Subtraction Equations
- 222 Multiplication Equations
- 224 Multiplication & Division Equations
- 226 Equivalent Expressions
- 228 Distance = Rate × Time
- 230 Chapter 10 Review
- 232 Cumulative Review
 - 235 Exploring Ideas: Bible Measurement



PERIMETER & AREA

- 236 Peril from Above
- 238 Perimeter
- 240 Circumference
- 242 Area of Rectangles, Squares & **Parallelograms**
- 244 Area of Triangles
- 246 Area of Circles
- 248 Surface Area of Prisms
- 250 Surface Area of Cylinders
- 252 Fixed Areas
- 254 Chapter 11 Review



- 256 Cumulative Review
 - 259 Exploring Ideas: Prime Number Calculations



VOLUME

- 260 The Voice of Calm
- 262 Volume of Rectangular Prisms
- 264 Volume of Cubes
- 266 Volume of Other 3-D Figures
- 268 Fixed Volumes & Fixed Lateral Surfaces
- 270 Chapter 12 Review
- 272 Cumulative Review
 - 275 Career Link: Mission Board Director

RATIOS, PROPORTIONS & PERCENTS

- 276 Journey Through Ash
- 278 Ratios & Rates
- 280 Ratio Tables
- Solving Proportions 282
- Similar Figures 284
- 286 Scale
- 288 Percent
- 290 Finding Percent of a Number
- 292 Finding the Unknown Whole
- 294 Speed, Distance & Time
- 296 Chapter 13 Review



- 298 Cumulative Review
 - 301 Career Link: Electrician



MEASUREMENT

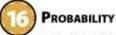
- 302 For the Sake of His Men
- 304 Linear Measurement
- 306 Weight & Capacity
- 308 Metric Linear Measurement
- 310 Metric Capacity & Mass
- 312 Customary & Metric
- 314 Fahrenheit & Celsius
- 316 Relate Customary & Metric Units
- 318 Telling & Renaming Time
- 320 Elapsed Time & Time Zones
- 322 Rename Units of Measure
- 324 Unit Multipliers
- 326 Chapter 14 Review



- 328 Cumulative Review
 - 331 Career Link: Pharmacist



- 332 In the Path of the Storm
- 334 Statistics
- 336 Double Bar & Double Line Graphs
- 338 Stem-and-Leaf Plots
- 340 Line Plots
- 342 Histograms
- 344 Box-and-Whisker Plot
- 346 Graph Review
- 348 Compare Graphs
- 350 Chapter 15 Review
- 352 Cumulative Review
 - 355 Career Link: Architect



- 356 When the Serpent Stung
- 358 Theoretical Probability
- 360 Sample Spaces
- 362 Experimental Probability
- 364 Fair or Unfair?
- 366 Independent & Dependent Events
- 368 Chapter 16 Review
- 370 Cumulative Review
 - 373 Career Link: Firefighter

INTEGERS

- 374 Unsinkable Spirit
- 376 Integers
- 378 Add Integers
- 380 Subtract Integers
- 382 Add & Subtract Integers
- 384 More Integers
- 386 Multiply Integers
- 388 Multiply & Divide Integers
- 390 Mixed Review
- 392 Coordinate Plane
- 394 Chapter 17 Review
- 396 Cumulative Review
 - 399 Career Link: Physical Education Teacher

Daily Reviews 401-67

HANDBOOK 469-513

INDEX 514-18