

Table of Contents

Letter to Homeschooling Parents	1
Key Product Features	2
Suggestions on How to Use the Product	3
Lesson 1—Number Patterns	5
Lesson 2—The Way Numbers Work	9
Lesson 3—Numbers and Words	14
Lesson 4—Millions	18
Lesson 5—Greater Than Less Than	22
Lesson 6—Addition Basics	26
Lesson 7—Subtraction Basics	30
Lesson 8—Adding and Subtracting on Paper	35
Lesson 9—Surveys and Tally Marks	40
Lesson 10—Rounding and Estimating with Two-Digit Numbers	44
Lesson 11—Addition with Carrying	50
Lesson 12—Adding More than Two	54
Lesson 13—Adding and Subtracting with Three-Digit Numbers	57
Lesson 14—Rounding and Estimating with Three-Digit Numbers	61
Lesson 15—Addition and Subtraction Word Problems	66
Lesson 16—Roman Numerals—Part 1	70
Lesson 17—Roman Numerals—Part 2	74
Lesson 18—Simple Two-Step Word Problems	79
Lesson 19—Multiplication Basics	83
Lesson 20—Multiplying with 0, 1, and 2	87
Lesson 21—Multiplying with 5s and 9s	91
Lesson 22—Harder Multiplication Facts	96
Lesson 23—Multiplying with Two-Digit Numbers	100
Lesson 24—Multiplying by a Multiple of 10	104
Lesson 25—Rounding and Estimating When Multiplying	108
Lesson 26—Multiplying with Three-Digit Numbers	113
Lesson 27—Multiplication Word Problems	118

Lesson 28—Carrying When Multiplying	122
Lesson 29—Multiplying Three Numbers	127
Lesson 30—Points, Lines, and Line Segments	132
Lesson 31—Angles	136
Lesson 32—Kinds of Angles	140
Lesson 33—Perpendicular and Parallel Lines	144
Lesson 34—Types of Triangles—Part 1 (Scalene, Isosceles, and Equilateral)	148
Lesson 35—Types of Triangles—Part 2 (Acute, Right, and Obtuse)	153
Lesson 36—Polygons	159
Lesson 37—Perimeter	165
Lesson 38—Area	171
Lesson 39—Introduction to Fractions	176
Lesson 40—Adding with Four-Digit Numbers	180
Lesson 41—Regrouping	184
Lesson 42—Rounding and Estimating with Four-Digit Numbers	188
Lesson 43—Decimal Basics—Tenths and Hundredths	192
Lesson 44—Decimals and Fractions	197
Lesson 45—Decimals in Words	201
Lesson 46—Dollars and Cents	204
Lesson 47—Dollars, Cents, and Decimals	207
Lesson 48—Adding and Subtracting with Decimals	212
Lesson 49—Adding and Subtracting with Dollars and Cents	217
Lesson 50—Regrouping Twice	222
Lesson 51—Regrouping with Zeros	227
Lesson 52—Comparing Decimals	231
Lesson 53—Filling in the Holes—Part 1	236
Lesson 54—Decimals and Carrying	240
Lesson 55—Decimals and Regrouping	244
Lesson 56—Filling in the Holes—Part 2	248
Lesson 57—More Regrouping	252
Lesson 58—Money Word Problems—Part 1	257

TABLE OF CONTENTS

Lesson 59—Thousandths and Decimals	261
Lesson 60—Money Word Problems—Part 2	265
Lesson 61—Money Word Problems—Part 3	269
Lesson 62—The Meaning of Division	274
Lesson 63—Division Rules and Definitions	279
Lesson 64—Dividing with a Remainder	283
Lesson 65—Division with a Two-Digit Answer—Part 1	287
Lesson 66—Division Word Problems	291
Lesson 67—Circles	295
Lesson 68—Types of Quadrilaterals	300
Lesson 69—Multiplying Two Two-Digit Numbers	305
Lesson 70—Rounding and Estimating when Multiplying Bigger Numbers	309
Lesson 71—More Multiplying with Carrying	314
Lesson 72—Multiplying a Multiple of 10 by a Two-Digit Number	318
Lesson 73—Multiplying Big Numbers	322
Lesson 74—Carrying when Multiplying with Big Numbers	326
Lesson 75—Small Units of Time	330
Lesson 76—Division with a Two-Digit Answer—Part 2	334
Lesson 77—Division with Three-Digit Answers	339
Lesson 78—Dividing with a Two-Digit Divisor	345
Lesson 79—Harder Two-Digit Divisor Problems	350
Lesson 80—Dividing Larger Numbers that End in Zero—Part 1	354
Lesson 81—Zeros in the Quotient	358
Lesson 82—Bigger Units of Time	362
Lesson 83—More Division Word Problems	368
Lesson 84—Averages	373
Lesson 85—Percents	378
Lesson 86—Fractions, Decimals, and Percents	385
Lesson 87—Units for Length	391
Lesson 88—Units for Liquid	396
Lesson 89—Units for Weight	401

Lesson 90—Metric System—Part 1	406
Lesson 91—Metric System—Part 2	411
Lesson 92—Geometric Solids	416
Lesson 93—Volume	422
Lesson 94—Adding and Subtracting Fractions with the Same Denominators	427
Lesson 95—Improper Fractions and Mixed Numbers	431
Lesson 96—Converting an Improper Fraction to a Mixed Number	435
Lesson 97—Division Word Problems with a Remainder	439
Lesson 98—Adding Mixed Numbers—Part 1	444
Lesson 99—Adding Mixed Numbers—Part 2	449
Lesson 100—Subtracting Mixed Numbers—Part 1	453
Lesson 101—Converting Mixed Numbers to Improper Fractions	457
Lesson 102—Subtracting Mixed Numbers—Part 2	461
Lesson 103—Equivalent Fractions—Part 1	465
Lesson 104—Equivalent Fractions—Part 2	469
Lesson 105—Using the Law of Equivalent Fractions to Compare Fractions	474
Lesson 106—Using the Law of Equivalent Fractions to Reduce Your Answer	479
Lesson 107—Adding and Subtracting Fractions with Different Denominators	485
Lesson 108—Adding and Subtracting More than Two Fractions	491
Lesson 109—Multiplying a Decimal and a Whole Number	497
Lesson 110—Multiplying Decimals by 10, 100, and 1,000	504
Lesson 111—Multiplying Two Decimals	511
Lesson 112—Multiplying with Decimals in the Real World	519
Lesson 113—Getting Rid of Extra Zeros	527
Lesson 114—Putting in Zeros	535
Lesson 115—Dividing a Decimal by a Whole Number	546
Lesson 116—Dividing Decimals by 10, 100, and 1,000	552
Lesson 117—Dividing with Decimals in the Real World	558

TABLE OF CONTENTS

Additional Topics	567
Lesson 118—The Number Line	568
Lesson 119—Evaluating Simple Expressions	573
Lesson 120—Equations	579
Lesson 121—Exponents	586