

Chapter 1

Shapes



Definitions 1 4.G.A.1	Guide: 4A pg. 14-18 (R&G) Practice: 4A pg. 7 (#1-11) Online: Definitions
Definitions 2 4.G.A.1	Practice: 4A pg. 8-10 (#12-26, with #26 optional) Online: Lines, Rays, and Segments; Naming Angles
Measuring Angles 1 4.MD.C.5, 4.MD.C.6	Guide: 4A pg. 19-24 (Math Team) Practice: 4A pg. 11, 13 (#27-36 and #43-46, with #33-36 optional) Online: Angle Sense, Using a Protractor
Measuring Angles 2 4.MD.C.5, 4.MD.C.6, 4.MD.C.7	Practice: 4A pg. 12, 14-15 (#37-42 and #47-53, with #51-53 optional) Online: Angle Addition 1, Angle Addition 2
Angles in a Triangle <i>Enrichment</i> 4.MD.C.7, 8.G.A.5	Practice: 4A pg. 16-17 (#54-60, with #60 optional) Online: Angles in a Triangle
Angles in a Quadrilateral <i>Enrichment</i> 4.MD.C.6, 4.MD.C.7	Practice: 4A pg. 18-19 (#61-68) Online: Angles in a Quadrilateral
Parallel and Perpendicular 4.G.A.1	Guide: 4A pg. 25-30 (Ms. Q.) Practice: 4A pg. 20-21 (#69-80) Online: Parallel and Perpendicular
Quadrilaterals 1 4.G.A.2	Practice: 4A pg. 22-23 9#81-92, with #86 optional) Online: Classifying Quadrilaterals 1 and 2, Naming Quadrilaterals
Quadrilaterals 2 <i>Enrichment</i> 4.G.A.2	Practice: 4A pg. 24-25 (#93-106, with #99-106 optional) Online: Classifying Quadrilaterals 3
Reflectional Symmetry 4.G.A.3	Guide: 4A pg. 31-37 (Woodshop) Practice: 4A pg. 26-28 (#107-119, with #114 optional) Online: Reflectional Symmetry

<p>Symmetry Defense <i>Enrichment</i> 4.G.A.3</p>	<p>Practice: 4A pg. 29-31 (#120-127, with #125-127 optional) Online: Symmetry Defense</p>
<p>Rotational Symmetry</p>	<p>Practice: 4A pg. 32-33 (#128-137, with #137 optional) Online: Rotational Symmetry</p>
<p>Symmetry Puzzles 1 <i>Enrichment</i></p>	<p>Practice: 4A pg. 34-37 (#140-161, with #154-155 and #157-161 optional) Online: Remove a Block, Find the Cut Line</p>
<p>Symmetry Puzzles 2 <i>Enrichment</i></p>	<p>Guide: 4A pg. 38 (Carronade) Online: Spiral Galaxies</p>

Chapter 2

Multiplication



<p>One Part at a Time</p> <p>4.NBT.B.5</p>	<p>Guide: 4A pg. 42-48 (Ms. Q.)</p> <p>Practice: 4A pg. 39 (#1-7)</p> <p>Online: Distributive Property</p>
<p>The Area Model - Part 1</p> <p>4.NBT.B.5</p>	<p>Practice: 4A pg. 40-41 (#8-19, with #19 optional)</p> <p>Online: Area Model</p>
<p>Multiplication Algorithm 1</p> <p>4.NBT.B.5, 5.NBT.B.5</p>	<p>Guide: 4A pg. 49-53 (Math Team)</p> <p>Practice: 4A pg. 42-43 (#20-25)</p> <p>Online: Multiplication Algorithm 1</p>
<p>Multiplication Algorithm 2</p> <p>4.NBT.B.5, 5.NBT.B.5</p>	<p>Practice: 4A pg. 44-45 (#26-37, with #36-37 optional)</p> <p>Online: Multiplication Algorithm 2</p>
<p>The Distributive Property</p> <p>4.NBT.B.5</p>	<p>Practice: 4A pg. 46-47 (#38-43)</p> <p>Online: Multiplication Puzzles 1</p>
<p>2x2 Distributive Property</p> <p>4.NBT.B.5</p>	<p>Practice: 4A pg. 51 (#44-59, with #53 and #59 optional)</p> <p>Online: 2x2 Distributive Property, 2x2 Area Model</p>
<p>Word Problems 1</p> <p>4.OA.A.1, 4.OA.A.2, 4.NBT.B.5, 4.MD.A.2, 4.MD.A.3</p>	<p>Practice: 4A pg. 51 (#60-65, with #64-65 optional)</p> <p>Online: Word Problems 1</p>
<p>Multiplication Algorithm 3</p> <p>4.NBT.B.5, 5.NBT.B.5</p>	<p>Practice: 4A pg. 52-54 (#66-75)</p> <p>Online: 2x2 Algorithm</p>
<p>Maximizing Products</p> <p><i>Enrichment</i></p> <p>4.NBT.B.5, 5.NBT.B.5</p>	<p>Practice: 4A pg. 55 (#76-81, with #79-80 optional)</p> <p>Online: Algorithm Practice, Maximize Products</p>
<p>Multiplication Tables</p> <p>4.NBT.B.5, 4.OA.C.5</p>	<p>Practice: 4A pg. 56-57 (#82-90, with #89-90 optional)</p> <p>Online: Multiplication Patterns 1</p>

<p>The Units Digit <i>Enrichment</i> 4.NBT.B.5, 5.NBT.B.5</p>	<p>Guide: 4A pg. 54-61 (The Lab) Practice: 4A pg. 58-59 (#91-99, with #94-99 optional) Online: Units Digit</p>
<p>Ones and Zeros 4.NBT.B.5, 5.NBT.B.5</p>	<p>Guide: 4A pg. 62-67 (R&G) Practice: 4A pg. 60-61 (#100-106) Online: Ones and Zeros</p>
<p>Word Problems 2 4.OA.A.1, 4.OA.A.2, 4.OA.A.3, 4.NBT.B.5</p>	<p>Practice: 4A pg. 62-63 (#107-117) Online: Word Problems 2</p>
<p>Multiplication Patterns <i>Enrichment</i> 4.NBT.B.5, 4.OA.C.5</p>	<p>Practice: 4A pg. 64-65 (#118-126) Online: Multiplication Patterns 2, Multiplication Puzzles 2</p>
<p>Variable Puzzles <i>Enrichment</i> 4.NBT.B.5, 5.NBT.B.5</p>	<p>Practice: 4A pg. 66-69 (#127-146, with #135-146 optional) Online: Variable Puzzles</p>

Chapter 3

Exponents



Exponents 6.EE.A.1	Guide: 4A pg. 70-74 (R&G) Practice: 4A pg. 71-72 (#1-16) Online: Exponent Expressions, Evaluating Powers
Computing Powers 6.EE.A.1, 8.EE.A.1	Practice: 4A pg. 73-74 (#17-30) Online: Multiplying Powers, Clever Computations
Order of Operations 1 6.EE.A.1	Guide: 4A pg. 76-78 (Ms. Q.) Practice: 4A pg. 75-76 (#31-43) Online: Order of Operations, Missing Parentheses
Order of Operations 2 <i>Enrichment</i> 6.EE.A.1	Practice: 4A pg. 77-78 (#44-61, with #46-47, 51, 60-61 optional) Online: Missing Digits, Power Sum Patterns
Multiplying Creatures <i>Enrichment</i> 6.EE.A.1	Practice: 4A pg. 79-80 (#62-73, with #64-65, #68, #73 optional) Online: Biffos & Triffos
Perfect Squares 6.EE.A.1	Guide: 4A pg. 80-84 (Math Team) Practice: 4A pg. 81-82 (#74-90, with #80 and #90 optional) Online: Perfect Squares 1, Perfect Squares 2
Pyramid Descent 6.EE.A.1, 8.EE.A.1	Practice: 4A pg. 83-86 (#91-108, with #103-108 optional) Online: Pyramid Descent
Product of Powers	Guide: 4A pg. 85-92 (Math Meet) Practice: 4A pg. 87 (#109-116, with #116 optional) Online: Product of Powers
Units Digits <i>Enrichment</i> 6.EE.A.1	Practice: 4A pg. 88-91 (#117-133, with #131-133 optional) Online: Units Digits 1, Units Digits 2
Binary Island <i>Enrichment</i> 4.NBT.A.1	Guide: 4A pg. 93-97 (Woodshop) Practice: 4A pg. 92-94 (#134-139) Online: Base 10 and Base-2 Part 1

<p>Base-2 Part 1 <i>Enrichment</i> 4.NBT.A.1</p>	<p>Guide: 4A pg. 98-106 (The Lab) Practice: 4A pg. 95-96 (#140-156, with #146-147 and #156 optional) Online: Base-10 and Base-2 Part 2</p>
<p>Base-2 Part 2 <i>Enrichment</i> 4.NBT.A.1</p>	<p>Practice: 4A pg. 97-99 (#157-172) Online: Base-10 and Base-2 Part 3</p>
<p>Power Grid <i>Enrichment</i></p>	<p>Practice: 4A pg. 100-101 (#173-179, with #173-175 optional)</p>

Chapter 4

Counting



Counting	<p>Guide: 4B pg. 14-18 (Math Team)</p> <p>Practice: 4B pg. 7 (#1-7, with #7 optional)</p> <p>Online: How Many?</p>
Inclusive and Exclusive	<p>Practice: 4B pg. 8-9 (#8-16, with #15-16 optional)</p> <p>Online: Inclusive and Exclusive</p>
Geometric Arrangements <i>Enrichment</i>	<p>Practice: 4B pg. 10-12 (#17-27, with #19, #22-23, #27 optional)</p> <p>Online: Geometric Arrangements</p>
Tree Diagrams	<p>Guide: 4B pg. 19-22 (Ms. Q.)</p> <p>Practice: 4B pg. 13-16 (#28-36)</p> <p>Online: Tree Diagrams</p>
Possibilities	<p>Practice: 4B pg. 17-19 (#37-45, with #45 optional)</p> <p>Online: Possibilities</p>
Venn Diagrams 1	<p>Guide: 4B pg. 23-27 (R&G)</p> <p>Practice: 4B pg. 20-21 (#46-52)</p> <p>Online: Venn Diagrams Introduction</p>
Venn Diagrams 2	<p>Practice: 4B pg. 22-23 (#53-58, with #57-58 optional)</p> <p>Online: Reading Venn Diagrams, Using Venn Diagrams 1</p>
Venn Diagrams 3 <i>Enrichment</i>	<p>Practice: 4B pg. 24-26 (#59-64, with #62-64 optional)</p> <p>Online: Using Venn Diagrams 2</p>
Arrangements	<p>Guide: 4B pg. 28-34 (Woodshop)</p> <p>Practice: 4B pg. 27-28 (#65-70, with #69-70 optional)</p> <p>Online: Arrangements</p>
Factorials <i>Enrichment</i>	<p>Practice: 4B pg. 29 (#71-77)</p> <p>Online: Factorials</p>

<p>Using Factorials <i>Enrichment</i></p>	<p>Practice: 4B pg. 30-31 (#78-86, with #81 and #85-86 optional) Online: Using Factorials</p>
<p>Counting Pairs 1</p>	<p>Guide: 4B pg. 36-44 (The Lab) Practice: 4B pg. 32-33 (#87-90) Online: Counting Pairs 1</p>
<p>Counting Pairs 2 <i>Enrichment</i></p>	<p>Practice: 4B pg. 36-37 (#98-106, with #105-106 optional) Online: Counting Pairs 2</p>
<p>Complementary Counting <i>Enrichment</i></p>	<p>Online: Complementary Counting</p>
<p>Counting Puzzles <i>Enrichment</i></p>	<p>Online: Domino Puzzles</p>

Chapter 5

Division



Division Basics 4.OA.A.1, 4.NBT.B.6	Guide: 4B pg. 48-52 (R&G) Practice: 4B pg. 39 (#1-5) Online: Division Basics
Multiples of Ten 1 4.OA.A.1, 4.NBT.B.6	Guide: 4B pg. 53-59 (Ms. Q.) Practice: 4B pg. 42 (#25-34) Online: Multiples of Ten Part 1
Multiples of Ten 2 4.OA.A.1, 4.NBT.B.6	Practice: 4B pg. 43 (#35-44) Online: Multiples of Ten Part 2
Word Problems 4.OA.A.1, 4.OA.A.3, 4.NBT.B.6, 4.MD.A.2	Practice: 4B pg. 44-45 (#45-52)
Special Quotients 1 4.NBT.B.6	Practice: 4B pg. 40-41 (#6-17) Online: Special Quotients
Special Quotients 2 <i>Enrichment</i> 4.NBT.B.6	Practice: 4B pg. 41 (#18-24) Online: Special Quotients
Long Division Foundations 4.NBT.B.6	Guide: 4B pg. 60-64 (Woodshop) Online: Long Division Foundations
Long Division 4.NBT.B.6	Practice: 4B pg. 44-49 (#53-64) Online: Long Division
Mental Division 1	Guide: 4B pg. 65-66 (Car Pool) Practice: 4B pg. 50-51 (#65-79, with #79 optional) Online: Clever Division 1, Clever Division 2
Mental Division 2 <i>Enrichment</i> 4.NBT.B.6	Practice: 4B pg. 52-53 (#80-97, with #88 and #97 optional) Online: Clever Division 3, Clever Division 4

Division Extras <i>Enrichment</i> 4.NBT.B.6	Practice: 4B pg. 54-55 (#98-105) Online: Division Sentences
Divisibility 1 4.NBT.B.6	Guide: 4B pg. 67-75 (The Lab) Practice: 4B pg. 56 (#106-109)
Divisibility 2 4.NBT.B.6	Practice: 4B pg. 57 (#110-115, with #114-115 optional) Online: Divisibility Introduction
Divisibility Rules 1 4.NBT.B.6	Practice: 4B pg. 58-59 (#116-129, with #122 and #129 optional) Online: Divisibility Rules 1, Divisibility Rules 2
Divisibility Rules 2 4.NBT.B.6	Practice: 4B pg. 60-61 (#130-138, with #136-137 optional) Online: Divisibility Rules 3
Divisibility Webs <i>Enrichment</i> 4.NBT.B.6	Online: Divisibility Webs
Word Problems <i>Enrichment</i> 4.OA.A.1, 4.OA.A.3, 4.NBT.B.6	Practice: 4B pg. 62-63 (#139-147, with #142-143 and #146-147 optional) Online: Divisibility Webs, Word Problems

Chapter 6

Logic



<p>True or False</p>	<p>Practice: 4B pg. 65-66 (#1-13, with #4 optional) Online: True or False</p>
<p>Logic Puzzles 1</p>	<p>Guide: 4B pg. 78-81 (R&G) Practice: 4B pg. 67-69 (#14-17, with #15 optional) Online: Logic Puzzles 1</p>
<p>Logic Puzzles 2 <i>Enrichment</i></p>	<p>Practice: 4B pg. 70-71 (#18-19) Online: Logic Puzzles 2</p>
<p>Minesweeper <i>Enrichment</i></p>	<p>Practice: 4B pg. 72-73 (#20-28, with #25-28 optional) Online: Minesweeper</p>
<p>Shape-Number Cards</p>	<p>Practice: 4B pg. 74-75 (#29-32) Online: Shape-Number Cards</p>
<p>Sudoku</p>	<p>Guide: 4B pg. 82-88 (Math Team) Practice: 4B pg. 76-77 (#33-43, with #43 optional) Online: Sudoku</p>
<p>Sum-doku <i>Enrichment</i></p>	<p>Practice: 4B pg. 82-83 (#62-68) Online: Sum-doku</p>
<p>Pentomino Sudoku <i>Enrichment</i></p>	<p>Practice: 4B pg. 84-85 (#69-78, with #73-74 and #77-78 optional) Online: Pentomino Sudoku</p>
<p>Liars & Truth-tellers 1</p>	<p>Guide: 4B pg. 90-97 (The Lab) Practice: 4B pg. 78-79 (#44-53) Online: Liars and Truth-tellers</p>
<p>Liars & Truth-tellers 2</p>	<p>Guide: 4B pg. 98-109 (The Math Bowl) Practice: 4B pg. 80-81 (#54-61, with #60 optional)</p>

Word Problems 1	Practice: 4B pg. 86-87 (#79-82) Online: Word Problems
Word Problems 2	Practice: 4B pg. 88-89 (#83-87, with #86-87 optional)
Hive Puzzles <i>Enrichment</i>	Practice: 4B pg. 90-91 (#88-99, with #98-99 optional) Online: Hive
Code Breaker <i>Enrichment</i>	Guide: 4B pg. 89 (Recess) Online: Code Breaker
Tents <i>Enrichment</i>	Practice: 4B pg. 92-93 (#100-111, with #109-111 optional) Online: Tents
Times Out <i>Enrichment</i>	Practice: 4B pg. 94-95 (#112-120, with #119-120 optional) Online: Times Out
Other Puzzles <i>Enrichment</i>	Online: Number Crossword, Laser Mazes, Akari

Chapter 7

Factors



Factors 4.OA.B.4	Guide: 4C pg. 14-21 (Ms. Q.) Practice: 4C pg. 7 (#1-7) Online: Factors Introduction
Factor Pairs 1 4.OA.B.4	Practice: 4C pg. 8-9 (#8-17, with #17 optional) Online: Factor Pairs 1
Factor Pairs 2 <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 10 (#18-24, with #23-24 optional) Online: Factor Pairs 2
Prime Numbers 4.OA.B.4	Guide: 4C pg. 22-30 (Gym) Practice: 4C pg. 11 (#25-30) Online: Prime and Composite, Prime Bubbles
The Sieve <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 12-13 (#31-40, with #35 optional) Online: Sieve of Eratosthenes
Divisibility Review 4.OA.B.4	Guide: 4C pg. 32-39 (R&G) Practice: 4C pg. 14 (#41-43) Online: Divisibility Review
Remainders <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 15 (#44-52) Online: Remainders
Divisibility by 9 and 3 4.OA.B.4	Practice: 4C pg. 16-17 (#53-60, with #57-60 optional) Online: Divisibility by 9 and 3
Divisibility Tests 1 4.OA.B.4	Practice: 4C pg. 18-19 (#61-68, with #63-64 optional) Online: Divisibility Tests 1
Divisibility Tests 2 <i>Enrichment</i> 4.OA.B.4	Online: Divisibility Tests 2, Divisibility Crisscross

Prime Factorization 1	Guide: 4C pg. 40-47 (Woodshop) Practice: 4C pg. 20-21 (#69-74) Online: Prime Factorization 1
Prime Factorization 2	Practice: 4C pg. 22-23 (#75-88) Online: Prime Factorization 2
Factor Blobs <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 24-25 (#89-100, with #97-100 optional) Online: Factor Blobs
Pyramid Descent <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 26-28 (#101-112, with #111-112 optional) Online: Pyramid Descent
Divisibility & Factorization <i>Enrichment</i>	Practice: 4C pg. 29 (#113-117, with #116-117 optional) Online: Divisibility & Factorization
Times Table Puzzles <i>Enrichment</i> 4.OA.B.4	Practice: 4C pg. 30-32 (#118-129, with #126-129 optional) Online: Times Table Puzzles
Game Day <i>Enrichment</i> 4.OA.B.4	Guide: 4C pg. 31 (Fizzbuzz) Practice: 4C pg. 33 (all of #130-133 are optional)
Challenge Problems <i>Enrichment</i> 4.OA.A.3, 4.OA.B.4	Practice: 4C pg. 34-37 (#134-147, with #138-147 optional) Online: Word Problems

Chapter 8

Fractions (+ & -)



Review 1 4.NF.A.1, 4.NF.A.2	Guide: 4C pg. 50-55 (Ms. Q) Practice: 4C pg. 39-40 (#1-18) Online: Fractions in Number Lines
Review 2 4.NF.A.1, 4.NF.A.2	Practice: 4C pg. 41-43 (#19-38, with #28 optional) Online: Equivalent Fractions, Comparing Fractions
Adding Fractions 4.NF.B.3	Guide: 4C pg. 56-57 (Math Team) Practice: 4C pg. 44-45 (#39-54) Online: Fraction Addition
Mixed Numbers 1 4.NF.B.3, 4.MD.A.2	Guide: 4C pg. 58-62 (R&G) Practice: 4C pg. 46 (#55-59, with #59 optional) Online: Mixed Numbers 1
Mixed Numbers 2 4.NF.B.3	Practice: 4C pg. 47-49 (#60-78, with #71-72 optional) Online: Mixed Numbers 2, Mixed Numbers 3, Mixed Numbers 4
Skip-Counting 4.NF.B.3	Practice: 4C pg. 50-51 (#79-86, with #85-86 optional) Online: Skip-Counting
Maze Escape <i>Enrichment</i> 4.NF.B.3	Practice: 4C pg. 52-53 (#87-94, with #91-94 optional) Online: Maze Escape
Adding Mixed Numbers 4.NF.B.3, 4.MD.A.2	Guide: 4C pg. 64-66 (Math Team) Practice: 4C pg. 54-55 (#95-109) Online: Adding Mixed Numbers
Subtracting Fractions 4.NF.B.3	Guide: 4C pg. 68-72 (Woodshop) Practice: 4C pg. 56-57 (#110-124) Online: Fraction Subtraction
Game Day <i>Enrichment</i> 4.NF.B.3	Guide: 4C pg. 63 (Recess), pg. 67 (Story Problem) Practice: 4C pg. 58-59 (#125-130)

Subtracting Mixed Numbers 4.NF.B.3	Guide: 4C pg. 73-77 (School Bus) Practice: 4C pg. 60-61 (#131-142) Online: Subtract Mixed Numbers 1, Subtract Mixed Numbers 2
Mixed Number Arithmetic 4.NF.B.3	Practice: 4C pg. 62-63 (#143-154) Online: Mixed Number Arithmetic
Practice 4.NF.B.3	Practice: 4C pg. 64-65 (#155-170, with #168-170 optional)
Sum Link Puzzles <i>Enrichment</i> 4.NF.B.3	Practice: 4C pg. 66-67 (#171-176, with #173-176 optional) Online: Fraction-Sum Link
Longer Sums 4.NF.B.3	Practice: 4C pg. 68-69 (#177-184) Online: Longer Sums
Challenge Problems <i>Enrichment</i> 4.NF.B.3	Practice: 4C pg. 70-71 (#185-192, with #187-192 optional) Online: Word Problems

Chapter 9

Integers



Negatives 6.NS.C.7	Guide: 4C pg. 80-81 (R&G) Practice: 4C pg. 73-74 (#1-19) Online: Negative Numbers, Temperature
Less Than Zero 6.NS.C.6, 6.NS.C.7	Guide: 4C pg. 82-86 (Ms. Q.) Practice: 4C pg. 76 (#20-26) Online: Integers on the Number Line
Comparing Integers 6.NS.C.6, 6.NS.C.7	Practice: 4C pg. 77 (#27-36) Online: Comparing Integers
Integer Path Puzzles <i>Enrichment</i> 6.NS.C.7	Practice: 4C pg. 78-79 (#37-46)
Adding Integers 7.NS.A.1	Guide: 4C pg. 87-92 (Math Team) Practice: 4C pg. 80-81 (#47-66) Online: Adding Integers 1, Adding Integers 2
Integer Tic-Tac-Toe <i>Enrichment</i> 7.NS.A.1	Practice: 4C pg. 82-83 (#67-81, with #79-81 optional) Online: Integer Tac-Toe
Addition Review 7.NS.A.1	Practice: 4C pg. 84-85 (#82-101) Online: Adding Integers 3
Sum Squares <i>Enrichment</i> 7.NS.A.1	Practice: 4C pg. 86-89 (#102-119, with #113-115 and #118-119 optional) Online: Sum Squares
Subtracting Integers 1 7.NS.A.1	Guide: 4C pg. 94-99 (Woodshop) Practice: 4C pg. 90-91 (#120-134) Online: Subtracting Integer 1, Subtracting Integers 2
Subtracting Integers 2 7.NS.A.1	Practice: 4C pg. 92-93 (#135-152) Online: Subtracting Integers 3, Subtracting Integers 4

<p>Patterns</p> <p>7.NS.A.1</p>	<p>Practice: 4C pg. 94 (#153-159, with #159 optional)</p> <p>Online: Integer Patterns, Integer Game</p>
<p>Cross-Number Puzzles</p> <p>7.NS.A.1</p>	<p>Practice: 4C pg. 95-97 (#160-173)</p>
<p>Absolute Value</p> <p><i>Enrichment</i></p> <p>6.NS.C.7</p>	<p>Practice: 4C pg. 98-100 (#174-202)</p> <p>Online: Absolute Value</p>
<p>Adding to Subtract</p> <p><i>Enrichment</i></p> <p>7.NS.A.1</p>	<p>Guide: 4C pg. 100-108</p> <p>Practice: 4C pg. 101 (#203-209)</p> <p>Online: Adding to Subtract</p>
<p>Word Problems</p> <p><i>Enrichment</i></p> <p>7.NS.A.1</p>	<p>Practice: 4C pg. 102-103 (#210-215, with #213-215 optional)</p> <p>Online: Word Problems</p>

Chapter 10

Fractions (\times & \div)



<p>"Of"</p> <p>4.NF.B.4</p>	<p>Guide: 4D pg. 14-16 (R&G)</p> <p>Practice: 4D pg. 7-9 (#1-17, with #16-17 optional)</p> <p>Online: "Of" Part 1, "Of" Part 2</p>
<p>Visual Models</p> <p>4.OA.A.3, 4.NF.B.4</p>	<p>Guide: 4D pg. 17-21 (Ms. Q.)</p> <p>Practice: 4D pg. 10-11 (#18-25, with #24-25 optional)</p> <p>Online: Visual Models</p>
<p>Multiplying Fractions 1</p> <p>4.NF.B.4</p>	<p>Guide: 4D pg. 22-25 (Math Team)</p> <p>Practice: 4D pg. 12-13 (#26-42)</p> <p>Online: Multiplying Fractions 1, Multiplying Fractions 2</p>
<p>Multiplying Fractions 2</p> <p>4.NF.B.4</p>	<p>Practice: 4D pg. 14 (#43-50, with #50 optional)</p> <p>Online: Multiplying Fractions 3</p>
<p>Multiplying Fractions 3</p> <p>4.NF.B.4</p>	<p>Practice: 4D pg. 15-16 (#51-63, with #63 optional)</p> <p>Online: Multiplying Fractions 4, Multiplying Fractions 5</p>
<p>Word Problems 1</p> <p>4.OA.A.3, 4.NF.B.4</p>	<p>Practice: 4D pg. 17-18 (#64-71)</p> <p>Online: Word Problems 2</p>
<p>Word Problems 2</p> <p><i>Enrichment</i></p> <p>4.OA.A.3, 4.NF.B.4</p>	<p>Practice: 4D pg. 19-20 (#72-81, with #79 and #81 optional)</p> <p>Online: Word Problems 2</p>
<p>Digit Arrangements</p> <p><i>Enrichment</i></p> <p>4.NF.B.4</p>	<p>Practice: pg. 21 (#82-87, with #84-87 optional)</p> <p>Online: Digit Arrangements</p>
<p>Estimating products</p> <p><i>Enrichment</i></p> <p>4.NF.B.4</p>	<p>Practice: 4D pg. 22-23 (#88-96)</p> <p>Online: Estimating Products</p>
<p>Multiplying Mixed Numbers</p> <p>4.NF.B.4, 4.MD.A.2</p>	<p>Guide: 4D pg. 26-30 (Woodshop)</p> <p>Practice: 4D pg. 24-25 (#97-107, with #107 optional)</p> <p>Online: Multiplying mixed Numbers</p>

Perimeter and Area <i>Enrichment</i> 4.OA.A.2, 4.NF.B.4, 4.MD.A.3	Practice: 4D pg. 26-27 (#108-113) Online: Perimeter and Area
Division 5.NF.B.3	Guide: 4D pg. 32-37 (R&G) Practice: 4D pg. 28 (#114-118) Online: Division
Reciprocals 4.NF.A.2, 4.NF.B.4	Practice: 4D pg. 29 (#119-129) Online: Reciprocals
Dividing Unit Fractions 4.NF.B.4	Practice: 4D pg. 30-31 (#130-143, with #143 optional) Online: Division by Unit Fractions
Cross-Number Puzzles 4.NF.B.4	Practice: 4D pg. 32-33 (#144-149, with #149 optional)
Fraction Fill <i>Enrichment</i> 4.NF.A.1	Practice: 4D pg. 34-36 (#150-161) Online: Fraction Fill
Challenge Problems <i>Enrichment</i> 4.OA.A.3, 4.NF.B.4	Guide: 4D pg. 31 (Story Problem) Practice: 4D pg. 37 (#162-166, with #163-165 optional)

Chapter 11

Decimals



Place Value 1 4.NF.C.6	Guide: 4D pg. 40-44 (R&G) Practice: 4D pg. 39 (#1-10) Online: Place Value 1
Place Value 2 4.NF.C.5, 4.NF.C.6, 5.NBT.A.1	Practice: 4D pg. 40-41 (#11-24) Online: Place Value 2, Place Value 3
Converting 1 4.NF.C.5	Guide: 4D pg. 45-49 (Math Team) Practice: 4D pg. 42 (#25-28) Online: Converting 1
Converting 2 4.NF.C.5	Practice: 4D pg. 43-44 (#29-43, with #33 optional) Online: Converting 2, Converting 3
Mixed Numbers 4.NF.C.6	Practice: 4D pg. 45-46 (#44-61, with #60-61 optional) Online: Mixed Numbers, Word Problems
Decimal Numberlink <i>Enrichment</i> 4.NF.C.6	Practice: 4D pg. 47-49 (#62-71, with #69-71 optional) Online: Decimal Numberlink
Comparing Decimals 1 4.NF.C.7	Guide: 4D pg. 50-57 (Ms. Q.) Practice: 4D pg. 50-51 (#72-84) Online: Comparing Decimals 1
Decimal Path Puzzles <i>Enrichment</i> 4.NF.C.7	Practice: 4D pg. 52-53 (#85-93)
Place Value & Ordering 4.NF.C.7	Guide: 4D pg. 58-61 (Lunch, Alex's Notes) Practice: 4D pg. 54-55 (#94-105, with #98 and #103-105 optional) Online: Place Value & Ordering
Number Line 4.NF.C.7	Practice: 4D pg. 56-57 (#106-113, with #113 optional) Online: Number Line

Comparing Decimals 2 <i>Enrichment</i> 4.NF.C.7	Practice: 4D pg. 58-59 (#114-129, with #117 optional) Online: Comparing Decimals 2
Rounding Decimals 4.NF.C.7	Practice: 4D pg. 60-61 (#130-145, with #144-145 optional) Online: Rounding Decimals
Adding Decimals 5.NBT.A.4	Guide: 4D pg. 62-68 (The Lab) Practice: 4D pg. 62-63 (#146-160) Online: Adding Decimals
Subtracting Decimals 5.NBT.B.7	Practice: 4D pg. 64-65 (#161-175) Online: Subtracting Decimals
Arithmetic Strategies 5.NBT.B.7	Practice: 4D pg. 66-67 (#176-185) Online: Arithmetic Strategies
Practice 5.NBT.B.7	Practice: 4D pg. 68-69 (#186-198, with #189 and #198 optional)
Challenge Problems <i>Enrichment</i> 4.NF.C.7, 4.MD.A.2	Practice: 4D pg. 70-71 (#199-207, with #200-201 and #206-207 optional) Online: Word Problems 2

Chapter 12

Probability



Chance 7.SP.C.5	Guide: 4D pg. 72-75 (R&G) Practice: 4D pg. 73 (#1-6)
Counting Review	Practice: 4D pg. 74-77 (#7-23, with #23 optional) Online: Counting Review 1, Counting Review 2, Counting Pairs
Computing Probability 7.SP.C.5	Guide: 4D pg. 76-82 (Ms. Q.) Practice: 4D pg. 78 (#24-32, with #26 optional) Online: Probability Introduction
Cards <i>Enrichment</i> 7.SP.C.5	Practice: 4D pg. 79 (#27-32, with #31-32 optional) Online: Cards
Random 7.SP.C.5	Practice: 4D pg. 80-81 (#33-42, with #42 optional) Online: Random
Coin Flip Experiment 7.SP.C.6	Practice: 4D pg. 82
Coins and Dice 7.SP.C.8	Guide: 4D pg. 84-89 (Math Team) Practice: 4D pg. 83 (#43-48) Online: Coin Flips 1
Coin Flips <i>Enrichment</i> 7.SP.C.6, 7.SP.C.8	Practice: 4D pg. 84-85 (#49-58, with #57 optional) Online: Coin Flips 2
Dice Rolls 7.SP.C.8	Practice: 4D pg. 86-87 (#59-66) Online: Dice Rolls
Geometric Probability <i>Enrichment</i>	Practice: 4D pg. 88-89 (#67-74, with #74 optional) Online: Geometric Probability

Independent & Dependent	Guide: 4D pg. 90-93 (R&G) Practice: 4D pg. 90-91 (#75-81) Online: Independent Events, Independent & Dependent
Counting & Probability <i>Enrichment</i> 7.SP.C.8	Practice: 4D pg. 92-93 (#82-88, with #84-85 optional) Online: Counting & Probability
Complements <i>Enrichment</i>	Practice: 4D pg. 94-95 (#89-94, with #91 optional) Online: Complements
Games of Chance <i>Enrichment</i>	Practice: 4D pg. 96-97 (#95-100, with #100 optional) Online: Games of Chance
Math Relays <i>Enrichment</i>	Guide: 4D pg. 94-99 (Math Team) Practice: 4D pg. 98-99 (#101-111, with #109-111 optional) Online: Pairs, Think About It
Hats <i>Enrichment</i>	Practice: 4D pg. 100 (#112-116, with #114-116 optional)
Challenge Problems <i>Enrichment</i> 7.SP.C.8	Guide: 4D pg. 100-109 (Math Team) Practice: 4D pg. 101 (#117-121, with #119-121 optional) Online: More Problems