

Chapter 1

Place Value



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| Place Value 2.NBT.A.1 | Guide: 2A pg. 14-15 (School Bus) and 16-23 (Woodshop) Practice: 2A pg. 7-8 (#1-9, with #9 optional) Online: Pirate Numbers |
| Adding Pirate Numbers 2.NBT.A.1 | Practice: 2A pg. 9-10 (#10-18) Online: Adding Pirate Numbers |
| Word Problems 2.OA.A.1, 2.NBT.A.1 | Practice: 2A pg.11 (#19-22, with #22 optional) Online: Pirate Word Problems |
| Digits 1 2.NBT.A.1, 2.NBT.A.3 | Guide: 2A pg. 24-29 (Math Team) Practice: 2A pg. 12-13 (#23-38) Online: Digits |
| Digits 2 2.NBT.A.1, 2.NBT.A.3 | Practice: 2A pg. 14-15 (#39-47, with #46-47 optional) Online: Place Value |
| Pyramid Paths <i>Enrichment</i> 2.NBT.A.1, 2.NBT.A.3 | Online: Pyramid Paths |
| Number Search <i>Enrichment</i> 2.NBT.A.3 | Practice: 2A pg. 16-17 (#48-56, with #55-56 optional) Online: Number Search |
| Counting Blocks 2.NBT.A.1 | Practice: 2A pg. 18-19 (#57-63) Online: Counting Blocks |
| Regrouping 1 2.NBT.A.1, 2.NBT.B.5 | Guide: 2A pg. 30-39 (Ms. Q.) Practice: 2A pg. 20-21 (#64-74, with #73-74 optional) Online: Regrouping 1 |
| Regrouping 2 <i>Enrichment</i> 2.NBT.A.1 | Practice: 2A pg. 22-23 (#75-84) Online: Regrouping 2 |

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| Adding 1, 10, 100 2.NBT.B.8 | Practice: 2A pg. 24 (#85-99, with #99 optional) Online: Adding 1, 10, 100 |
| Subtracting 1, 10, 100 2.NBT.B.8 | Practice: 2A pg. 25 (#100-114) Online: Subtracting 1, 10, 100 |
| Counting by Tens 2.NBT.A.2, 2.NBT.B.8 | Practice: 2A pg. 26-27 (#115-122, with #118 and #122 optional) Online: Counting by Tens |
| Digit Difference Grids 1 <i>Enrichment</i> 2.NBT.B.8 | Practice: 2A pg. 28-29 (#123-134, with #133-134 optional) |
| Digit Difference Grids 2 <i>Enrichment</i> 2.NBT.B.8 | Practice: 2A pg. 30-31 (#135-152, with #150-152 optional) Online: Digit Difference Grid |
| More Than One - Part 1 2.NBT.B.8 | Practice: 2A pg. 32 (#153-164) Online: More Than One - Part 1 |
| More Than One - Part 2 <i>Enrichment</i> 2.NBT.B.8 | Practice: 2A pg. 33 (#165-170) Online: More Than One - Part 2 |
| Challenge Problems <i>Enrichment</i> | Practice: 2A pg. 34-35 (#171-178, with #174-178 optional) |

Chapter 2

Comparing



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| The Number Line 1 2.MD.B.6 | Guide: 2A pg. 42-47 (R&G) Practice: 2A pg. 37 (#1-4) Online: Number Line Introduction |
| The Number Line 2 2.MD.B.5, 2.MD.B.6 | Practice: 2A pg. 38-39 (#5-11, with #11 optional) Online: Number Line |
| Distance 1 2.NBT.B.5, 2.NBT.B.6 | Guide: 2A pg. 48-54 (Math Team) Practice: 2A pg. 40-41 (#12-17) Online: Distance; Same Distance |
| Distance 2.NBT.B.5, 2.NBT.B.6 | Practice: 2A pg. 42-43 (#18-22, with #21-22 optional) Online: Halfway Between 1 |
| Distance 3 <i>Enrichment</i> 2.NBT.B.5, 2.NBT.B.6 | Practice: 2A pg. 43 (#23-27, with #25-27 optional) Online: Halfway Between 2 |
| Games <i>Enrichment</i> | Guide: 2A pg. 55 (Recess) Practice: 2A pg. 44-45 (#28-32, with #29-32 optional) |
| Honeycomb Paths | Practice: 2A pg. 46-49 (#33-50, with #43-46 and #48-50 optional) Online: Honeycomb Paths |
| Comparing 2.NBT.A.4 | Guide: 2A pg. 56-59 (Ms. Q.) Practice: 2A pg. 50 (#51-60) Online: Greater or Less |
| Ordering 2.NBT.A.4 | Guide: 2A pg. 60-67 (Woodshop) Practice: 2A pg. 52 (#65-68) Online: Ordering |
| Extra Problems 2.NBT.A.4 | Practice: 2A pg. 51 & 53 (#61-64 and #69-71, with #64 optional) Online: Missing Digits 1; Smallest or Largest |

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| <p>Number Paths</p> <p>2.NBT.A.4</p> | <p>Practice: 2A pg. 54-55 (#72-79) Online: Number Paths</p> |
| <p>Multiple Numbers</p> <p>2.NBT.A.4</p> | <p>Practice: 2A pg. 56-57 (#80-87, with #85-87 optional) Online: Multiple Numbers</p> |
| <p>Missing Digits</p> <p><i>Enrichment</i></p> <p>2.NBT.A.4</p> | <p>Practice: 2A pg. 58-59 (#88-96, with #95-96 optional) Online: Missing Digits 2</p> |
| <p>Challenge Problems 1</p> <p><i>Enrichment</i></p> | <p>Practice: 2A pg. 60-61 (all of #97-101 optional)</p> |
| <p>Challenge Problems 2</p> <p><i>Enrichment</i></p> | <p>Practice: 2A pg. 62-63 (all of #102-106 optional)</p> |

Chapter 3

Addition



In addition to the standards listed below, this chapter as a whole addresses Common Core State Standard 3.NBT.A.2.

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| Sums 1 2.NBT.B.7 | Guide: 2A pg. 70-75 (Woodshop) Practice: 2A pg. 65 (#1-12) Online: Sums 1 |
| Sums 2 2.NBT.B.7 | Practice: 2A pg. 66-67 (#13-30) Online: Sums 2 |
| Cross-Number Puzzles 2.NBT.B.5 | Practice: 2A pg.68-69 (#31-38, with #37-38 optional) Online: Cross-Number Puzzles |
| The Number Line 2.NBT.B.7 | Guide: 2A pg. 76-81 (R&G) Practice: 2A pg. 70-71 (#39-46) Online: Number Line |
| Easier Sums 2.NBT.B.7 | Practice: 2A pg. 72-73 (#47-56) Online: Easier Sums |
| Adding & Taking Away 1 2.NBT.B.7 | Guide: 2A pg. 82-87 (Ms. Q.) Practice: 2A pg. 74 (#57-62) Online: Adding & Taking Away 1 |
| Adding & Taking Away 2 2.NBT.B.7 | Practice: 2A pg. 75-76 (#63-83) Online: Adding & Taking Away 2 |
| Sum Pyramids 2.NBT.B.7 | Practice: 2A pg. 77 (#84-92, with #90-92 optional) Online: Sum Pyramids |
| Doubles <i>Enrichment</i> 2.NBT.B.7 | Practice: 2A pg. 78-79 (#93-107, with #106-107 optional) Online: Doubles |

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| <p>The Ones Digit <i>Enrichment</i> 2.NBT.B.5</p> | <p>Practice: 2A pg. 80-81 (#108-116, with #111 and #114-116 optional) Online: The Ones Digit</p> |
| <p>Missing Numbers 2.NBT.B.7</p> | <p>Practice: 2A pg. 82-83 (#117-129, with #128-129 optional) Online: Missing Numbers</p> |
| <p>Making 10s and 100s 2.NBT.B.5</p> | <p>Practice: 2A pg. 84-85 (#130-138, with #132 and #138 optional) Online: 100-Triangles</p> |
| <p>Rearranging 2.NBT.B.7</p> | <p>Guide: 2A pg. 88-93 (Math Team) Practice: 2A pg. 86-87 (#139-151, with #151 optional) Online: Friendly Sums</p> |
| <p>Sum Search <i>Enrichment</i> 2.NBT.B.7</p> | <p>Practice: 2A pg. 88-89 (#152-161) Online: Sum Search</p> |
| <p>Sum Blobs <i>Enrichment</i> 2.NBT.B.7</p> | <p>Practice: 2A pg. 90-91 (#162-174, with #171-174 optional) Online: Sum Blobs</p> |
| <p>Challenge Problems <i>Enrichment</i> 2.NBT.B.7</p> | <p>Practice: 2A pg. 92-93 (#175-182, with #177-182 optional)</p> |

Chapter 4

Subtraction



In addition to the standards listed below, this chapter as a whole addresses Common Core State Standard 3.NBT.A.2.

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| Taking Away 2.NBT.B.5, 2.NBT.B.7 | Guide: 2B pg. 14-19 (Woodshop) Practice: 2B pg. 7-9 (#1-20, with #19-20 optional) Online: Place Value |
| Breaking 2.OA.A.1, 2.NBT.B.7 | Practice: 2B pg. 10-11 (#21-33, with #29-30 and #33 optional) Online: Breaking |
| Addition & Subtraction 2.OA.A.1 | Guide: 2B pg. 20-23 (R&G) Practice: 2B pg.12-13 (#34-41, with #41 optional) Online: Addition & Subtraction |
| Three-Four 2.NBT.B.5 | Practice: 2B pg. 14-15 (#42-49) |
| X-Outs <i>Enrichment</i> 2.NBT.B.5 | Practice: 2B pg. 16-17 (#50-59, with #56-59 optional) Online: X-Outs |
| Counting Up 2.NBT.B.7 | Guide: 2B pg. 24-30 (Ms. Q.) Practice: 2B pg. 20-21 (#68-79) Online: Counting Up |
| Difference 2.OA.A.1 | Practice: 2B pg. 18-19 (#60-67, with #67 optional) Online: Difference |
| Hop-Along <i>Enrichment</i> 2.NBT.B.7 | Practice: 2B pg. 22-23 (#80-86, with #85-86 optional) Online: Hop-Alongs |
| Subtract then Add 2.NBT.B.7 | Guide: 2B pg. 31-34 (Math Team) Practice: 2B pg. 24-25 (#87-101) Online: Subtract then Add |

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| Missing Digits 2.NBT.B.5 | Practice: 2B pg. 26-27 (#102-126, with #125-126 optional) Online: Missing Digits |
| Subtractiles <i>Enrichment</i> 2.NBT.B.5 | Practice: 2B pg. 28-29 (#127-138, with #135-138 optional) Online: Subtractiles |
| Changing a Difference 2.NBT.B.7 | Practice: 2B pg. 30-31 (#139-149, with #142-143 and #148-149 optional) Online: Changing a Difference |
| Shifting a Difference 2.NBT.B.7 | Practice: 2B pg. 32 (#150-156, with #156 optional) Online: Shifting the Difference |
| Order 2.NBT.B.7 | Guide: 2B pg. 36-41 (R&G) Practice: 2B pg. 33 (#157-164) Online: Order |
| Subtraction Strategies 2.OA.A.1 | Practice: 2B pg. 34-35 (#165-177) Online: All at Once; Part by Part |
| Challenge Problems <i>Enrichment</i> 2.NBT.B.7 | Practice: 2B pg. 36-39 (#178-195, with #187-195 optional) |

Chapter 5

Expressions



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| Evaluating 2.NBT.B.7 | Practice: 2B pg. 41 (#1-10) Online: Evaluating |
| Cross-Number Puzzles 2.NBT.B.5 | Practice: 2B pg. 42-43 (#11-16, with #15-16 optional) Online: Cross-Number Puzzles |
| Word Problems 2.OA.A.1 | Practice: 2B pg.44-45 (#17-25) Online: Word Problems 1 |
| Expression Search <i>Enrichment</i> 2.NBT.B.5 | Practice: 2B pg. 46-47 (#26-33, with #32-33 optional) |
| Missing Signs 2.NBT.B.5 | Practice: 2B pg. 48 (#34-43) Online: Missing Signs |
| Missing Numbers 2.NBT.B.5 | Practice: 2B pg. 49 (#44-47) Online: Missing Numbers |
| Parentheses 5.OA.A.1 | Guide: 2B pg. 44-49 (Ms. Q.) Practice: 2B pg. 50 and 52 (#48-60 and #71-76) Online: Evaluate with Parentheses |
| Missing Parentheses <i>Enrichment</i> 5.OA.A.1 | Guide: 2B pg. 50-54 (Lunch) Practice: 2B pg. 51 (#61-70) Online: Missing Parentheses |
| Word Problems 2.NBT.B.5, 5.OA.A.1 | Practice: 2B pg. 53 (#77-80) Online: Word Problems 2 |
| Review <i>Enrichment</i> | Practice: 2B pg. 54-55 (#81-88, with #84-88 optional) |

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| Symbols 1 2.OA.A.1 | Guide: 2B pg. 55-59 (R&G) Practice: 2B pg. 56-57 (#89-99) Online: Symbols 1 |
| Symbols 2 2.OA.A.1 | Practice: 2B pg. 58-59 (#100-104) Online: Symbols 2 |
| Expressions with Symbols <i>Enrichment</i> 2.OA.A.1 | Practice: 2B pg. 60-61 (#105-112, with #112 optional) Online: Expressions with Symbols |
| Simplifying <i>Enrichment</i> 5.OA.A.1 | Guide: 2B pg. 60-67 (Math Team) Practice: 2B pg. 62-63 (#113-129, with #122 and 127-129 optional) Online: Simplifying Expressions |
| Simplify then Evaluate <i>Enrichment</i> 5.OA.A.1 | Practice: 2B pg. 64 (#130-133, with #133 optional) Online: Simplify then Evaluate |
| Equations 2.OA.A.1 | Guide: 2B pg. 68-73 (Woodshop) Practice: 2B pg. 65 (#134-141) Online: Equations |
| Mismo <i>Enrichment</i> | Practice: 2B pg. 66-68 (#142-155, with #154-155 optional) Online: Mismo |
| Solving Equations 2.OA.A.1 | Practice: 2B pg. 69 (#156-165, with #162-165 optional) Online: Solving Equations |
| Challenge Problems <i>Enrichment</i> | Practice: 2B pg. 70-71 (#166-171, with #167-171 optional) |

Chapter 6

Problem Solving



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| Guessing & Checking 1 | <p>Guide: 2B pg. 76-79 (R&G)</p> <p>Practice: 2B pg. 73-74 (#1-10)</p> <p>Online: Guess & Check 1</p> |
| Guessing & Check Fill-Ins | <p>Practice: 2B pg. 75-77 (#11-16, with #14-16 optional)</p> <p>Online: Guess & Check Fill-Ins</p> |
| Guessing & Checking 2 <i>Enrichment</i> | <p>Practice: 2B pg. 76-77 (#17-22, with #19-22 optional)</p> <p>Online: Guess & Check 2</p> |
| Sym-Sums <i>Enrichment</i> | <p>Practice: 2B pg. 78-81 (#23-34, with #33-34 optional)</p> <p>Online: Sym-Sums</p> |
| Working Backwards | <p>Guide: 2B pg. 80-84 (Woodshop)</p> <p>Practice: 2B pg. 82-83 (#35-40, with #40 optional)</p> <p>Online: Work Backwards</p> |
| Modibots | <p>Practice: 2B pg. 84-85 (#41-49)</p> <p>Online: Modibots</p> |
| Knight Paths | <p>Practice: 2B pg. 86-87 (#50-57, with #54-57 optional)</p> <p>Online: Knight Paths</p> |
| Backwards Challenge <i>Enrichment</i> | <p>Practice: 2B pg. 88-89 (#58-61, with #59-60 optional)</p> |
| Draw a Picture | <p>Guide: 2B pg. 85-91 (Ms. Q.)</p> <p>Practice: 2B pg. 90-91 (#62-66)</p> <p>Online: Draw a Picture 1</p> |
| Word Problems <i>Enrichment</i> | <p>Practice: 2B pg. 92-93 (#67-72, with #68-69 and #71-72 optional)</p> <p>Online: Draw a Picture 2</p> |

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| Ordering | Practice: 2B pg. 94-95 (#73-77, with #77 optional) Online: Ordering |
| Sum Boxes <i>Enrichment</i> | Practice: 2B pg. 96-97 (#78-81, with #81 optional) Online: Sum Boxes |
| Handshakes <i>Enrichment</i> | Practice: 2B pg. 98-99 (#82-85, with #85 optional) Online: Handshakes |
| Match <i>Enrichment</i> | Practice: 2B pg. 100-101 (#86-91, with #91 optional) Online: Match |
| Extra Information | Guide: 2B pg. 92-101 (Math Meet) Practice: 2B pg. 102-103 (#92-97, with #96-97 optional) Online: Extra Information |
| Grab Bag <i>Enrichment</i> | Practice: 2B pg. 104-107 (#98-109, with #100 and #102-109 optional) Online: Grab Bag |

Chapter 7

Measurement



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| Comparing | Guide: 2C pg. 14-20 (Math Team) Practice: 2C pg. 7-9 (#1-10) Online: Comparing |
| Units of Measurement | Practice: 2C pg. 10-11 (#11-15) Online: Units |
| Rulers 2.MD.A.1 | Guide: 2C pg. 21-26 (Ms. Q.) Practice: 2C pg.12-13 (#16-21) Online: Using a Ruler 1 |
| Using a Ruler 2.MD.A.1 | Practice: 2C pg. 14-15 (#22-29) Online: Using a Ruler 2; Using a Ruler 3 |
| Measure-Mazes <i>Enrichment</i> 2.MD.A.1 | Practice: 2C pg. 16-19 (#30-43, with #38-43 optional) Online: Measure Hops |
| Nearest Measure <i>Enrichment</i> 2.MD.A.1, 2.MD.A.2 | Practice: 2C pg. 20-21 (#44-54, with #54 optional) Online: Nearest Measure |
| Other Units of Length 2.MD.A.3 | Guide: 2C pg. 28-33 (R&G) Practice: 2C pg. 22-23 (#55-64) Online: Units of Length |
| Changing Units 2.MD.A.2 | Practice: 2C pg. 24-25 (#65-73) Online: Changing Units |
| Mixed Measures 2.MD.A.2 | Guide: 2C pg. 34-41 (Woodshop) Practice: 2C pg. 26-27 (#74-85) Online: Mixed Measures 1; Mixed Measures 2 |
| Length Links <i>Enrichment</i> 2.MD.A.2 | Practice: 2C pg. 28-30 (#86-99, with #98-99 optional) Online: Length Links |

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| <p>Addition & Subtraction 1</p> <p>2.MD.A.1, 2.MD.A.4</p> | <p>Practice: 2C pg. 31 (#100-103, with #103 optional)</p> <p>Online: Broken Rulers; Addition</p> |
| <p>Addition & Subtraction 2</p> <p>2.MD.A.1, 2.MD.A.4</p> | <p>Practice: 2C pg. 32-33 (#104-111)</p> <p>Online: Subtraction</p> |
| <p>Challenge Problems</p> <p><i>Enrichment</i></p> <p>2.MD.A.1, 2.MD.A.4</p> | <p>Practice: 2C pg. 34-35 (#112-119, with #112-115 and #117-119 optional)</p> |

Chapter 8

Strategies (+ & -)



In addition to the standards listed below, this chapter as a whole addresses Common Core State Standard 3.NBT.A.2.

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| Review 1 2.NBT.B.5, 2.NBT.B.6 | Practice: 2C pg. 37 (#1-10) Online: Evaluating Review 1 |
| Review 2 2.NBT.B.5, 2.NBT.B.6 | Practice: 2C pg. 38-39 (#11-25, with #19 optional) Online: Evaluating Review 2 |
| Adding and Subtracting 1 2.OA.A.1, 2.NBT.B.5, 2.NBT.B.6, 2.NBT.B.9 | Guide: 2C pg. 44-50 (Woodshop) Practice: 2C pg.40-41 (#26-32) Online: Rearranging 1 |
| Adding and Subtracting 2 2.NBT.B.5, 2.NBT.B.6 | Practice: 2C pg. 42-43 (#33-46) Online: Rearranging 2 |
| Crosstiles 2.OA.B.2 | Practice: 2C pg. 44-47 (#47-62, with #57-62 optional) Online: Crosstiles |
| Zero-Sum Game <i>Enrichment</i> 2.OA.B.2 | Guide: 2C pg. 51 (Recess) |
| Evaluating Expressions 2.OA.A.1, 2.NBT.B.5, 2.NBT.B.6, 2.NBT.B.9 | Guide: 2C pg. 52-59 (Math Team) Practice: 2C pg. 48-49 (#63-74) Online: Canceling |
| Almost Canceling 2.OA.A.1, 2.NBT.B.5, 2.NBT.B.6 | Practice: 2C pg. 50-51 (#75-86, with #86 optional) Online: Almost Canceling |
| Strategies 2.NBT.B.5, 2.NBT.B.6 | Practice: 2C pg. 52-53 (#87-103. with #101-103 optional) Online: All at Once; Missing Numbers |

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| Equation Paths <i>Enrichment</i> 2.OA.B.2 | Practice: 2C pg. 54-56 (#104-117, with #112-117 optional) Online: Equation Paths |
| Parentheses 1 2.NBT.B.5 | Guide: 2C pg. 60-64 (Ms. Q.) Practice: 2C pg. 57 (#118-124) Online: Parentheses Review |
| Parentheses 2 2.OA.A.1, 2.NBT.B.6 | Practice: 2C pg. 58-59 (#125-132) Online: Parentheses Word Problems |
| Parentheses 3 <i>Enrichment</i> 2.NBT.B.5 | Practice: 2C pg. 60-61 (#133-147, with #140 optional) Online: More Parentheses |
| Skip-Counting 2.NBT.A.2 | Guide: 2C pg. 65-69 (R&G) Practice: 2C pg. 62-63 (#148-162, with #154 optional) Online: Skip-Counting |
| Honeycomb Paths <i>Enrichment</i> 2.NBT.A.2 | Practice: 2C pg. 64-67 (#163-180, with #175-180 optional) Online: Honeycomb Paths |
| Challenge Problems <i>Enrichment</i> | Practice: 2C pg. 68-69 (#181-188, with #183-184 and #186-188 optional) |

Chapter 9

Odds & Evens



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| Odd & Even 2.OA.C.3 | Guide: 2C pg. 72-77 (Ms, Q, Practice: 2C pg. 71 (#1-5) Online: Basics |
| Twos 2.OA.C.3 | Practice: 2C pg. 72-73 (#6-13, with #13 optional) Online: Twos |
| Half 2.OA.C.3 | Practice: 2C pg.74-75 (#14-27, with #21 and #23 and #26-27 optional) Online: Half |
| Addition 1 2.OA.C.3, 3.OA.D.9 | Practice: 2C pg. 76-77 (#28-35) Online: Addition 1 |
| Addition 2 2.OA.C.3, 3.OA.D.9 | Practice: 2C pg. 78-79 (#36-45, with #40 and #44-45 optional) Online: Addition 2 |
| Subtraction 2.OA.C.3, 3.OA.D.9 | Practice: 2C pg. 80-81 (#46-54, with #54 optional) Online: Subtraction |
| More Than Two Numbers 1 2.OA.C.3, 3.OA.D.9 | Guide: 2C pg. 78-85 (Math Team) Practice: 2C pg. 82 (#55-62) Online: More Than Two Numbers 1 |
| More Than Two Numbers 2 <i>Enrichment</i> 2.OA.C.3, 3.OA.D.9 | Practice: 2C pg. 83-85 (#62-74, with #67 and #74 optional) Online: Word Problems; More Than Two Numbers 2 |
| 8's and 9's <i>Enrichment</i> | Practice: 2C pg. 86-87 (#75-82, with #82 optional) Online: 8's and 9's |
| Crossings <i>Enrichment</i> | Guide: 2C pg. 86-91 (Woodshop) Practice: 2C pg. 88-89 (#83-89) Online: Back and Forth |

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| <p>Inside or Outside? <i>Enrichment</i></p> | <p>Practice: 2C pg. 90-91 (#90-94) Online: Inside or Outside?</p> |
| <p>Coins <i>Enrichment</i></p> | <p>Guide: 2C pg. 92-95 (R&G) Practice: 2C pg. 92-93 (#95-103, with #100-103 optional) Online: Coins</p> |
| <p>Checkerboard Paths <i>Enrichment</i></p> | <p>Guide: 2C pg. 96-103 (The Lab) Practice: 2C pg. 94-95 (#104-115, with #111-112 optional) Online: Checkerboard Paths</p> |
| <p>Fox & Rabbit <i>Enrichment</i></p> | <p>Practice: 2C pg. 96-97 (#116-119)</p> |
| <p>Dot Trace <i>Enrichment</i></p> | <p>Practice: 2C pg. 98-99 (#120-132, with #132 optional) Online: Dot Trace</p> |
| <p>Challenge Problems <i>Enrichment</i></p> | <p>Practice: 2C pg. 100-101 (#133-139, with #133-134 and #136-139 optional)</p> |

Chapter 10

Big Numbers



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| <p>Thousands and Beyond</p> <p>2.NBT.A.1, 4.NBT.A.1, 4.NBT.A.2</p> | <p>Guide: 2D pg. 14-20 (Math Team)</p> <p>Practice: 2D pg. 7-9 (#1-11)</p> <p>Online: Place Value Review, Larger Place Values</p> |
| <p>Reading Numbers</p> <p>4.NBT.A.1, 4.NBT.A.2</p> | <p>Practice: 2D pg. 10-11 (#12-25)</p> <p>Online: Reading Numbers</p> |
| <p>Numbercross</p> <p>4.NBT.A.2</p> | <p>Practice: 2D pg.12-13 (#26-31, with #30-31 optional)</p> <p>Online: Numbercross</p> |
| <p>Numberlap</p> <p><i>Enrichment</i></p> <p>4.NBT.A.2</p> | <p>Practice: 2D pg. 14-15 (#32-39, with #38-39 optional)</p> <p>Online: Numberlap</p> |
| <p>Crossing Over</p> | <p>Practice: 2D pg. 16-17 (#40-57, with #55 and #57 optional)</p> <p>Online: Crossing Over 1; Crossing Over 2</p> |
| <p>10's, 100's, & 1000's</p> <p>4.NBT.A.1, 4.NBT.B.4</p> | <p>Practice: 2D pg. 18-19 (#58-67, with #67 optional)</p> <p>Online: 10's, 100's, & 1000's</p> |
| <p>Addition & Subtraction</p> <p>2.NBT.B.7</p> | <p>Guide: 2D pg. 22-27 (Ms. Q.)</p> <p>Practice: 2D pg. 20-21 (#68-89, with #76-77 and #86-89 optional)</p> <p>Online: Addition & Subtraction</p> |
| <p>Adding in Groups</p> <p>2.NBT.B.7</p> | <p>Practice: 2D pg. 22-23 (#90-98, with #93 and #97-98 optional)</p> <p>Online: Adding in Groups</p> |
| <p>Word Problems</p> | <p>Practice: 2D pg. 24-25 (#99-106, with #105-106 optional)</p> <p>Online: Word Problems</p> |
| <p>Comparing & Ordering 1</p> <p>4.NBT.A.2</p> | <p>Guide: 2D pg. 28-30 (R&G)</p> <p>Practice: 2D pg. 26-27 (#107-118, with #118 optional)</p> |

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| <p>Comparing & Ordering 2</p> <p>4.NBT.A.2</p> | <p>Practice: 2D pg. 28 (#119-123, with #122-123 optional)</p> <p>Online: Comparing & Ordering</p> |
| <p>Digit Cross-Out</p> <p><i>Enrichment</i></p> <p>4.NBT.A.2</p> | <p>Practice: 2D pg. 29-31 (#124-135, with #125-127 and #135 optional)</p> <p>Online: Digit Cross-Out 1; Digit Cross-Out 2</p> |
| <p>Close Enough</p> <p><i>Enrichment</i></p> <p>4.NBT.A.2</p> | <p>Practice: 2D pg. 32-33 (#136-143, with #143 optional)</p> <p>Online: Close Enough</p> |
| <p>Estimation</p> <p><i>Enrichment</i></p> | <p>Guide: 2D pg. 31-37 (Woodshop)</p> <p>Practice: 2D pg. 34-35 (#144-154, with #153-154 optional)</p> <p>Online: Estimation</p> |
| <p>Challenge Problems</p> <p><i>Enrichment</i></p> | <p>Guide: 2D pg. 38-39 (R&G)</p> <p>Practice: 2D pg. 36-37 (#155-163, with #157-159 and #161-163 optional)</p> |

Chapter 11

Algorithms (+ & -)



In addition to the standards listed below, this chapter as a whole addresses Common Core State Standard 3.NBT.A.2.

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| Algorithms | Guide: 2D pg. 42-44 (R&G) Practice: 2D pg. 39 (#1-3) Online: Step-by-Step |
| Stacking 1 2.NBT.B.7, 2.NBT.B.9, 4.NBT.B.4 | Guide: 2D pg. 45-53 (Math Team) Practice: 2D pg. 40-41 (#4-9) |
| Stacking 2 2.NBT.B.9, 4.NBT.B.4 | Practice: 2D pg.42-43 (#10-23) Online: Addition 1 |
| Stacking 3 2.NBT.B.9, 4.NBT.B.4 | Practice: 2D pg. 44-45 (#24-32) Online: Addition 2 |
| Missing Digits 2.NBT.B.9, 4.NBT.B.4 | Practice: 2D pg. 46-47 (#33-46, with #45-46 optional) Online: Missing Digits |
| More Than Two 4.NBT.B.4 | Guide: 2D pg. 54-57 (Playground) Practice: 2D pg. 48-49 (#47-56) Online: More Than Two |
| Digit Fill <i>Enrichment</i> 4.NBT.B.4 | Practice: 2D pg. 50-51 (#57-64, with #62-64 optional) Online: Digit Fill |
| Word Problems 1 2.OA.A.1 | Online: Word Problems 1 |
| Cross-Sums <i>Enrichment</i> 4.NBT.B.4 | Practice: 2D pg. 52-55 (#65-78, with #75-78 optional) Online: Cross-Sums |

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| Stacking Subtraction 1 4.NBT.B.4 | Guide: 2D pg. 58-63 (Woodshop) Practice: 2D pg. 56-57 (#79-86) Online: Subtraction 1 |
| Stacking Subtraction 2 4.NBT.B.4 | Practice: 2D pg. 58-59 (#87-95) Online: Subtraction 2 |
| Look Before You Stack 1 2.NBT.B.7 | Practice: 2D pg. 60-61 (#96-109) Online: Look Before You Stack 1 |
| Look Before You Stack 2 2.NBT.B.7 | Practice: 2D pg. 62 (#110-119) Online: Look Before You Stack 2 |
| Checking 2.NBT.B.7 | Practice: 2D pg. 63 (#120-122) Online: Checking |
| Word Problems 2 2.OA.A.1 | Practice: 2D pg. 64-65 (#123-130, with #130 optional) Online: Word Problems 2 |
| Cryptarithms <i>Enrichment</i> 4.NBT.B.4 | Guide: 2D pg. 64-73 (The Lab) Practice: 2D pg. 66-67 (#131-138, with #137-138 optional) Online: Cryptarithms |
| Challenge Problems <i>Enrichment</i> | Practice: 2D pg. 68-69 (#139-146, with #140 and #142-146 optional) |

Chapter 12

Problem Solving



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| Organize | <p>Practice: 2D pg. 71 (#1-4,)</p> <p>Online: Organize; Sorting</p> |
| Counting Paths and Shapes | <p>Guide: 2D pg. 76-81 (Woodshop)</p> <p>Practice: 2D pg. 72-73 (#5-9, with #9 optional)</p> <p>Online: Counting Shapes</p> |
| Taxi Paths | <p>Practice: 2D pg.74-77 (#10-16, with #16 optional)</p> <p>Online: Taxi Paths</p> |
| Checkerboard Paths <i>Enrichment</i> | <p>Practice: 2D pg. 78-81 (#17-24, with #23-24 optional)</p> <p>Online: Checkerboard Paths</p> |
| Colorominoes <i>Enrichment</i> | <p>Practice: 2D pg. 82-85 (#25-39, with #37-39 optional)</p> <p>Online: Colorominoes</p> |
| Organizing Numbers | <p>Guide: 2D pg. 82-88 (Ms. Q.)</p> <p>Practice: 2D pg. 86-87 (#40-46, with #45-46 optional)</p> <p>Online: Organizing Numbers</p> |
| Organizing Sums <i>Enrichment</i> | <p>Practice: 2D pg. 88-89 (#47-51, with #51 optional)</p> <p>Online: Organizing Sums</p> |
| Patterns | <p>Guide: 2D pg. 89-93 (R&G)</p> <p>Practice: 2D pg. 90-91 (#52-63, with #62-63 optional)</p> <p>Online: Patterns</p> |
| Math Meet | <p>Guide: 2D pg. 94-107 (Math Team)</p> |
| Simpler Problems 1 | <p>Practice: 2D pg. 92-93 (#64-70, with #66 and #70 optional)</p> <p>Online: Simpler Problems 1</p> |

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| <p>Simpler Problems 2 <i>Enrichment</i></p> | <p>Practice: 2D pg. 94-95 (#71-76, with #75-76 optional) Online: Simpler Problems 2</p> |
| <p>Eliminating Choices</p> | <p>Practice: 2D pg. 96-97 (#77-83, with #83 optional) Online: Eliminating Choices</p> |
| <p>River Crossings <i>Enrichment</i></p> | <p>Practice: 2D pg. 98-99 (#84-87, with #86-87 optional) Online: River Crossings</p> |
| <p>Hopswitch <i>Enrichment</i></p> | <p>Practice: 2D pg. 100-103 (#88-96, with #90-96 optional)</p> |
| <p>Ice Rinks 1</p> | <p>Online: Ice Rinks 1</p> |
| <p>Challenge Problems <i>Enrichment</i></p> | <p>Practice: 2D pg. 104-105 (all of #98-103 optional) Online: Ice Rinks 2</p> |