



IDAHO
Mathematics Standards Grade 8
Impact Mathematics: Algebra and More for the Middle Grades
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STANDARDS	PAGE REFERENCES
337. BASIC ARITHMETIC, ESTIMATION, AND ACCURATE COMPUTATIONS.	
01. Understand and use numbers.	
a. Read, write, order, and compare real numbers (integers, fractions, decimals, percents, ratios) and absolute values.	SE: <i>Problem Set</i> 148, 152, 232-233 <i>On Your Own Exercises</i> 166 #49, 225 #23, 235 #1-13, 237 #34, 617 #4d TAE: D T148, T152
b. Understand and use real numbers, both rational and irrational.	SE: 202 <i>Investigation</i> 200-201 <i>Example</i> 200 <i>Think & Discuss</i> 200 <i>Problem Set</i> 201, 202 <i>Share & Summarize</i> 202 TAE: IN T200 TD T200 D T201 AL T201
c. Show a sense of magnitudes and relative magnitudes of real numbers (integers, fractions, decimals) using scientific notation and exponential numbers.	SE: 148, 151 <i>Problem Set</i> 148, 152, 156-158 <i>Investigation</i> 156 <i>Think & Discuss</i> 156, 631 <i>Share & Summarize</i> 158 TAE: OSA T156 SS T158
d. Develop and apply number theory concepts.	SE: <i>Investigation</i> 131, 153-154 <i>Problem Set</i> 131, 491 <i>Remember</i> 131 <i>On Your Own Exercises</i> 137 #14, 166 #49 TAE: AM T131, T491 D T131
e. Understand the position of real numbers on a number line.	SE: 339 <i>On Your Own Exercises</i> 38-39 #1, #3, 42 #32 <i>Example</i> 232 <i>Problem Set</i> 232-233, 340-341, 342 <i>Explore</i> 339 <i>Investigation</i> 340 TAE: D T232 NOTE: At this level of study, students will also work with the two-dimensional version of the number line: the coordinate plane.

STANDARDS	PAGE REFERENCES
02. Perform computations accurately.	
a. Consistently and accurately add, subtract, multiply, and divide rational numbers.	SE: <i>Problem Set</i> 6-7, 10-11 <i>Investigation</i> 10, 200 <i>Example</i> 200 <i>Lab Investigation</i> 366-367 <i>On Your Own Exercises</i> 368 #1 TAE: AL T201 OSA T363 LI T366
b. Instantly recall common, equivalent fractions, decimals, and percents.	SE: <i>Share & Summarize</i> 172 <i>Problem Set</i> 201, 202 <i>On Your Own Exercises</i> 204 #38-41, 207 #60-64 TAE: SS T172 D T201, T202 AL T201 E 617 #4a
c. Evaluate numerical expressions using the order of operations.	SE: 358-359 <i>Share & Summarize</i> 158, 361, 375 <i>On Your Own Exercises</i> 368 #2-5, 369 #9-16, 370 #28-31 TAE: OSA T148, T360 SS T361, T375 NOTE: At this level of study, students will use all of the properties of operations, such as the associative, commutative, and distributive.
d. Understand and use exponents.	SE: 148 <i>On Your Own Exercises</i> 162 #1, 163 #18, 165 #48, 182 #2 <i>Investigation</i> 170 <i>Problem Set</i> 171, 172 TAE: D T171, T172
e. Select and use an appropriate method of computation from mental math, paper and pencil, calculator, or a combination of the three.	SE: <i>Problem Set</i> 148 #1, 150, 152 #1, 154 #1-2, 155 #1-3, 216 <i>Share & Summarize</i> 155 <i>On Your Own Exercises</i> 629 #29-32 TAE: D T150, T216 SS T155
f. Use appropriate vocabulary.	SE: 4, 7, 27, 373 <i>Vocabulary</i> 4, 7, 27, 373 <i>Remember</i> 8, 9 TWE: D T27 I T373

STANDARDS	PAGE REFERENCES
03. Estimate and judge reasonableness of results.	
a. Use estimation to predict computation results.	SE: 214 <i>Problem Set 156-158</i> <i>Make a Prediction 159 #1</i> <i>Share & Summarize 244</i> <i>Think & Discuss 245</i> TAE: AE T148 OSA T156 I T214 SS T244 TD T245 AM T245
b. Recognize when estimation is appropriate and understand the usefulness of an estimate as distinct from an exact answer.	SE: <i>What Did You Learn?</i> 161 <i>On Your Own Exercises 162 #1, 164 #43-44, 167 #58-59</i> <i>Problem Set 640-641</i> <i>Share & Summarize 641 #3</i> TAE: WDL T161 D T640, T641 SS T641 NOTE: At this level of mathematical study, students will apply more advanced concepts of estimation, such as applications of their geometric knowledge to estimate formulas and shapes on graphs, or understanding of exponents to estimate quantities relative to one another.
c. Determine whether a given estimate is an overestimate or underestimate.	SE: <i>On Your Own Exercises 166 #49, 167 #52-55</i> <i>Share & Summarize 172, 181</i> <i>Problem Set 180-181</i> TAE: OSA T156 EE 167 #56 SS T172 D T180, T181 NOTE: At this level of mathematical study, students will apply more advanced concepts of estimation, such as applications of their geometric knowledge to estimate formulas and shapes on graphs, or understanding of exponents to estimate quantities relative to one another.

STANDARDS	PAGE REFERENCES
d. Use appropriate vocabulary.	SE: 169, 176 <i>Vocabulary</i> 169, 176 <i>Just the facts</i> 177 <i>Share & Summarize</i> 244 TAE: I T169 D T176 OSA T181 SS T244 AM T245 NOTE: At this level of mathematical study, students will apply more advanced concepts of estimation, such as applications of their geometric knowledge to estimate formulas and shapes on graphs, or understanding of exponents to estimate quantities relative to one another.
338. MATHEMATICAL REASONING AND PROBLEM SOLVING.	
01. Understand and use a variety of problem-solving skills.	
a. Use a variety of strategies, including common mathematical formulas to compute problems drawn from real-world situations.	SE: <i>On Your Own Exercises</i> 166 #49, 167 #55, 223 #11-16 <i>Problem Set</i> 177-178, 218 <i>Lab Investigation</i> 219-222 <i>In Your Own Words</i> 224 <i>Think & Discuss</i> 245 TAE: LI T219 TD T245
b. Recognize pertinent information for problem solving.	SE: <i>Remember</i> 150 <i>In Your Own Words</i> 166 <i>Share & Summarize</i> 178, 181 <i>Investigation</i> 178 <i>Problem Set</i> 178-180 <i>On Your Own Exercises</i> 225 #20-21 TAE: SS T178, T181 OSA T181
c. Make predictions and decisions based on information.	SE: <i>On Your Own Exercises</i> 182 #1-2, 184 #15, 189 #32 <i>Think & Discuss</i> 214, 216 <i>In Your Own Words</i> 224 TAE: D T192 TD T214, T216 OSA T216
02. Use reasoning skills to recognize problems and express them mathematically.	
a. Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning and concepts.	SE: 240 <i>Explore</i> 240 <i>Think & Discuss</i> 242, 245 <i>Problem Set</i> 242-243, 244 <i>Share & Summarize</i> 244 TAE: TD T242, 245 SS T244

STANDARDS	PAGE REFERENCES
b. Apply solutions and strategies to new problem situations.	SE: <i>On Your Own Exercises</i> 185 #18, 188 #23, 210 #9 <i>Investigation</i> 190-191 <i>Problem Set</i> 192, 195, 198 <i>Example</i> 196 <i>Share & Summarize</i> 197 TAE: D T196 SS T197
c. Formulate conjectures and justify (short of formal proof) why they must be or seem to be true.	SE: <i>Conjectures</i> 127 <i>Investigation</i> 128, 131 <i>Problem Set</i> 128, 129-130, 131, 132-133 <i>Share & Summarize</i> 130, 133 TAE: AM T127 SS T130, T133
03. Apply appropriate technology and models to find solutions to problems.	
a. Understand the purpose and capabilities of appropriate technology use as a tool to solve problems.	SE: <i>Investigation</i> 241-242, 245-246 <i>Problem Set</i> 242-243, 244 <i>Just the facts</i> 243 <i>Share & Summarize</i> 244 <i>Think & Discuss</i> 245 <i>Example</i> 246 TAE: SS T244 TD T245 D T246
b. Use computer applications to display and manipulate data.	SE: <i>Lab Investigation</i> 270-274 <i>Investigation</i> 603-604 <i>Problem Set</i> 603-604 <i>Share & Summarize</i> 604 TAE: LI T270 D T271, T603 AL T273, T274 SS T604
c. Select appropriate models to represent mathematical ideas.	SE: <i>Example</i> 215 <i>Problem Set</i> 216, 217 <i>Think & Discuss</i> 216 <i>Lab Investigation</i> 219-222 <i>In Your Own Words</i> 224 TAE: D T215 TD T216 LI T219 AL T222

STANDARDS	PAGE REFERENCES
04. Communicate results using appropriate terminology and methods.	
a. Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to communicate mathematical information.	SE: <i>Inequalities</i> 226 <i>Think & Discuss</i> 226 <i>Investigation</i> 227, 245-246 <i>Share & Summarize</i> 229 <i>Think & Discuss</i> 245 <i>Example</i> 246 <i>Problem Set</i> 247 TAE: SS T229 TD T245 D T246
b. Use appropriate vocabulary to communicate mathematical information.	SE: 226 <i>Share & Summarize</i> 218, 231 <i>In Your Own Words</i> 224 <i>Vocabulary</i> 226 TAE: AL T218, T222, T227 SS T218 OSA T227
c. Use appropriate notation.	SE: 148, 151 <i>Problem Set</i> 148, 152, 156-158 <i>Investigation</i> 156 <i>Think & Discuss</i> 156, 631 <i>Share & Summarize</i> 158 TAE: OSA T156 SS T158
339. CONCEPTS AND PRINCIPLES OF MEASUREMENT.	
01. Understand and use U.S. customary and metric measurements.	
a. Select and use appropriate units and tools to make formal measurements using both systems.	SE: <i>On Your Own Exercises</i> 45 #46, 123 #19, 137 #21, 164 #43, 167 #55-57, 184 #15, 189 #32, 207 #71, 249 #1-2, 251 #10-11 TAE: E 251 #10
b. Apply estimation of measurement to real-world and content problems using actual measuring devices.	SE: <i>Investigation</i> 25 <i>Materials</i> 25 <i>Problem Set</i> 25-26, 54, 55 <i>On Your Own Exercises</i> 101 #13 <i>Think & Discuss</i> 245 TAE: OSA T25 D T25 TD T245
c. Recognize the differences and relationships among measures of perimeter, area, and volume (capacity) in both systems.	SE: <i>On Your Own Exercises</i> 138 #25, 188 #24-25, 225 #21, 253 #15, 255 #23-24, 276 #4, 280 #31-32, 328 #35, 368 #1, 369 #8 TAE: 225 #21b
d. Solve problems involving length, perimeter, area, volume (capacity), weight, mass, and temperature.	SE: <i>On Your Own Exercises</i> 41 #29-30, 63 #32, 81 #9, 167 #55, 188 #24-25, 252 #12-13, 255 #23-24, 513 #50 <i>Think & Discuss</i> 245 TAE: TD T245

STANDARDS	PAGE REFERENCES
e. Convert unit of measurement within each system.	SE: <i>On Your Own Exercises</i> 66 #12, 124 #21, 167 #56-57, 328 #34-35, 338 #17, 441 #35, 455 #54 <i>Remember</i> 513 TAE: 188 #22d 441 #35a
f. Use appropriate vocabulary.	SE: <i>On Your Own Exercises</i> 252 #12-13, 301 #26, 351 #17, 370 #32, 371 #34, 397 #39, 455 #54 <i>Think & Discuss</i> 373 <i>Remember</i> 513 TAE: TD T373
02. Apply concepts of rates and other derived or indirect measurements.	
a. Use rates to make indirect measurements.	SE: <i>Problem Set</i> 9 <i>On Your Own Exercises</i> 16 #1, 17 #2, 21 #10-11, 22 #12, 41 #29, 42 #31, 81 #9, 255 #22, 455 #54 <i>Dropping the Ball</i> 68 TAE: OSA T9 NOTE: Rise/run is a familiar application of rate.
03. Apply the concepts of ratios and proportions.	
a. Understand and use proportions, ratios, and scales.	SE: 27 <i>Investigation</i> 25, 29 <i>Problem Set</i> 25-26, 27-28 <i>Explore</i> 29 <i>On Your Own Exercises</i> 512 #36-38, 617 #4d TAE: OSA T25 AM T26 D T27
04. Apply dimensional analysis.	
a. Understand units and their relationship to one another and to real-world applications.	SE: <i>On Your Own Exercises</i> 23 #22-23, 42 #32, 78 #1, 104 #29, 107 #42-43, 207 #71, 237 #35, 252 #12-13, 455 #54 TAE: E 42 #32
340. CONCEPTS AND LANGUAGE OF ALGEBRA.	
01. Use algebraic symbolism as a tool to represent mathematical relationships.	
a. Understand and use variables in expressions, equations, and inequalities.	SE: <i>Think & Discuss</i> 226, 230 <i>Investigation</i> 227, 229 <i>Problem Set</i> 227, 228-229, 230 <i>Share & Summarize</i> 229 <i>Example</i> 267 TAE: TD T226 AM T230

STANDARDS	PAGE REFERENCES
b. Translate simple word statements and story problems into algebraic expressions and equations.	SE: <i>Problem Set</i> 218, 228-229 <i>On Your Own Exercises</i> 223 #11-16, 225 #20, 235 #12-15 <i>Share & Summarize</i> 229 <i>Just the facts</i> 233 TAE: D T218 AL T218 SS T229
c. Use symbols (<, >, =, <, >, ≠) to express relationships.	SE: 226 <i>Think & Discuss</i> 226, 230 <i>Investigation</i> 227, 229 <i>Problem Set</i> 227, 228-229, 230 <i>Share & Summarize</i> 229 TAE: I T226 TD T226 AM T230
02. Evaluate algebraic expressions.	
a. Understand and use the following properties in evaluating algebraic expressions: commutative, associative, identity, zero, inverse, distributive, and substitution.	SE: 358-359 <i>Share & Summarize</i> 158, 361, 375 <i>On Your Own Exercises</i> 368 #2-5, 369 #9-16 TAE: SS T158, T361, T375 AL T222
b. Understand and use the order of operations in evaluating basic algebraic expressions.	SE: <i>On Your Own Exercises</i> 167 #55, 368 #2-5, 369 #9-16, 370 #28-31 TAE: OSA T148, T360 D T154 AA 167 SS T361, T375 NOTE: At this level of study, students will use all of the properties of operations, such as the associative, commutative, and distributive.
c. Simplify algebraic expressions.	SE: <i>Investigation</i> 362-363 <i>Vocabulary</i> 363 <i>Problem Set</i> 363-365 <i>Share & Summarize</i> 365 <i>On Your Own Exercises</i> 369 #20, 370 #21, 372 #40-42 TAE: D T363 OSA T363 SS T365

STANDARDS	PAGE REFERENCES
03. Solve algebraic equations and inequalities.	
a. Solve one- and two-step equations and inequalities using inverse operations.	SE: 214 <i>Investigation 214</i> <i>Example 215</i> <i>Problem Set 216, 217</i> <i>Think & Discuss 216</i> TAE: T214 OSA T216, T217 T222 NOTE: Backtracking is a methodology that uses inverse operations to solve equations.
b. Explore graphical representation to show simple linear equations.	SE: 4 <i>Vocabulary 4</i> <i>Example 4-5</i> <i>Problem Set 8, 9, 10-11</i> <i>Share & Summarize 9</i> <i>Think & Discuss 12</i> <i>On Your Own Exercises 372 #36</i> TAE: SS T9 OSA T9
341. CONCEPTS AND PRINCIPLES OF GEOMETRY.	
01. Apply concepts of size, shape, and spatial relationships.	
a. Precisely describe, classify, and understand relationships among types of one-, two-, and three-dimensional objects using their defining properties.	SE: <i>Investigation 499</i> <i>Problem Set 500, 501</i> <i>Lab Investigation 502-503</i> <i>On Your Own Exercises 509 #22, 512 #35</i> TAE: D T500, T501 LI T502, T503
b. Construct and measure various angles and shapes using appropriate tools.	SE: <i>On Your Own Exercises 300 #14, 301 #25</i> <i>Problem Set 304, 305-306</i> <i>Share & Summarize 304, 306</i> <i>Materials 305</i> TAE: SS T304 OSA T305 AE T306
c. Understand and apply fundamental concepts, properties, and relationships among points, lines, planes, angles, and shapes.	SE: <i>Problem Set 296</i> <i>Share & Summarize 296</i> <i>On Your Own Exercises 297 #1-7, 298 #11, 299 #13, 300 #15, 301 #17, 311 #9, 454 #45-46</i> TAE: SS T296
d. Recognize and apply congruence, similarities, and symmetry of shapes.	SE: <i>On Your Own Exercises 280 #33-38</i> <i>Remember 280</i> <i>Reflection 288</i> <i>Investigation 295</i> <i>Think & Discuss 296</i> <i>Problem Set 296</i> <i>Share & Summarize 296</i> TAE: I T288 AM T295 OSA T296

STANDARDS	PAGE REFERENCES
e. Apply formulas for perimeter, circumference, and area to polygons and circles.	SE: <i>Remember</i> 22 <i>Lab Investigation</i> 366-367 <i>On Your Own Exercises</i> 368 #1, 371 #34, 384 #1-2, 386 #34-35, 397 #31, 398 #40 <i>Think & Discuss</i> 373 TAE: LI T366 I T373
f. Understand the concept of surface area and volume (capacity).	SE: <i>On Your Own Exercises</i> 62 #30, 63 #32, 512 #35 <i>Investigation</i> 499 <i>Problem Set</i> 500, 501 <i>Lab Investigation</i> 502-503 TAE: D T500, T501 LI T502
g. Explore and model the effects of reflections, translations, and rotations on various shapes.	SE: <i>Transformational Geometry</i> 286-287 <i>Explore</i> 289 <i>Investigation</i> 289-290, 292-293 <i>Problem Set</i> 290-291, 293-294, 295 <i>Share & Summarize</i> 291, 295 TAE: MB 287a O 287b
h. Use appropriate vocabulary.	SE: <i>Remember</i> 206 <i>Transformational Geometry</i> 286-287 <i>Reflection</i> 288 <i>Vocabulary</i> 288, 289 <i>Investigation</i> 289-290 <i>Share & Summarize</i> 291 TAE: I T288 AL T291 SS T291
02. Apply the geometry of right triangles.	
a. Investigate right triangle geometry using the Pythagorean Theorem.	SE: 202, 329 <i>On Your Own Exercises</i> 63 #31, 205 #53, 206 #58, 280 #38, 328 #30, 350 #12 <i>Remember</i> 202, 350 TAE: E 206 #58d NOTE: The distance formula is an application of the Pythagorean Theorem.
03. Apply graphing in two dimensions.	
a. Use the coordinate plane as it relates to real-world applications.	SE: 339 <i>On Your Own Exercises</i> 42 #31, 207 #71, 237 #35, 238 #40 <i>Explore</i> 339 <i>Investigation</i> 340 <i>Problem Set</i> 340-341, 343 TAE: IN T340

STANDARDS	PAGE REFERENCES
342. DATA ANALYSIS, PROBABILITY AND STATISTICS.	
01. Understand data analysis.	
a. Analyze and interpret tables, charts, and graphs (scatter plots, line graphs, bar graphs, pie charts).	SE: <i>On Your Own Exercises</i> 225 #24, 237 #34, 558-559 #2 <i>Problem Set</i> 242-243, 552, 555 <i>Share & Summarize</i> 572 TAE: AL T546 D T552 SS T572
b. Explain and justify conclusions drawn from tables, charts, and graphs.	SE: <i>On Your Own Exercises</i> 207 #71, 238 #40, 558-559 #2, 625, 628 #18, 629 #19, 649 #15 <i>Explore</i> 240 <i>Think & Discuss</i> 242 TAE: IN T241
c. Understand and use appropriate vocabulary.	SE: 240, 257 <i>Investigation</i> 241-242 <i>Think & Discuss</i> 242 <i>Just the facts</i> 246, 251, 255 <i>In Your Own Words</i> 254 <i>Vocabulary</i> 257 TAE: TD T242 AM T245 IN T257
02. Collect, organize, and display data.	
a. Collect, organize, and display data with appropriate notation in tables, charts, and graphs (scatter plots, line graphs, bar graphs, pie charts).	SE: <i>On Your Own Exercises</i> 207 #71, 250 #5, 627 #17 <i>Example</i> 246 <i>Problem Set</i> 247, 248, 638 #1 <i>Lab Investigation</i> 545-546 TAE: COV 541a AL T546
03. Apply simple statistical measurements.	
a. Choose and calculate the appropriate measure of central tendency – mean, median, and mode.	SE: <i>Remember</i> 45 <i>On Your Own Exercises</i> 45 #46 <i>Problem Set</i> 557, 603-604, 614 #8 <i>Share & Summarize</i> 557, 615 <i>Investigation</i> 602-603 TAE: SS T557, T615

STANDARDS	PAGE REFERENCES
b. Explore the significance of range, frequency, and informal distribution.	SE: <i>On Your Own Exercises</i> 45 #46 <i>Investigation</i> 518 <i>Vocabulary</i> 518 <i>Just the facts</i> 518 <i>Problem Set</i> 519 <i>Remember</i> 520 <i>Share & Summarize</i> 522 <i>Strategies and Applications</i> 538 TAE: IN T518 D T520 NOTE: At this level of study, these terms are presented at more basic levels of usage before being integrated into more complex situations in statistical models.
04. Understand basic concepts of probability.	
a. Model situations of probability using simulations.	SE: <i>Investigation</i> 569, 571 <i>Problem Set</i> 569-570, 571-572 <i>Share & Summarize</i> 570 <i>On Your Own Exercises</i> 573 #1 TAE: D T569, T572 SS T570 IN T571
b. Understand and use the language of probability.	SE: 544, 549, 551 <i>Share & Summarize</i> 550, 557 TAE: O 543b IN T547 AM T549 SS T550, T557
c. Recognize equally likely outcomes.	SE: <i>Problem Set</i> 566-567, 568, 569-570 <i>Investigation</i> 566, 569 <i>Share & Summarize</i> 568 TAE: OSA T566 AM T567 SS T568 IN T569
05. Make predictions or decisions based on data.	
a. Make predictions based on simple experimental and theoretical probabilities.	SE: <i>Think & Discuss</i> 555, 582 <i>Problem Set</i> 555, 583-584 <i>Share & Summarize</i> 570 <i>On Your Own Exercises</i> 573 #2 <i>Investigation</i> 582 TAE: D T555 TD T555, T582 SS T570

STANDARDS	PAGE REFERENCES
b. Understand and use appropriate vocabulary.	SE: <i>A Martian Sang</i> 542 <i>Investigation</i> 547 <i>Vocabulary</i> 547 <i>Problem Set</i> 547 <i>Share & Summarize</i> 550, 557 TAE: MB 543a O 543b IN T547 AM T549
c. Conduct statistical experiments and interpret results using tables, charts, or graphs.	SE: <i>Investigation</i> 569, 571 <i>Problem Set</i> 569-570, 571-572 <i>Share & Summarize</i> 572 <i>On Your Own Exercises</i> 573 #1 TAE: D T569, T572 IN T571 SS T572
343. FUNCTIONS AND MATHEMATICAL MODELS.	
01. Understand the concept of functions.	
a. Extend patterns and identify a rule (function) that generates the pattern using real numbers.	SE: <i>Investigation</i> 632 <i>Problem Set</i> 632, 633 <i>On Your Own Exercises</i> 642 #1, 645 #8 TAE: IN T632 D T632, T633 AM T632 OSA T633
b. Use functional relationships to explain how a change in one quantity results in a change in another.	SE: 7 <i>Investigation</i> 6, 10, 12 <i>Problem Set</i> 6-7, 10-11 <i>Share & Summarize</i> 12 <i>Think & Discuss</i> 12 <i>What Did You Learn?</i> 367 <i>On Your Own Exercises</i> 369 #1 TAE: WDL T367
c. Understand and use appropriate vocabulary.	SE: <i>Functions</i> 488-489 <i>Vocabulary</i> 488 <i>Share & Summarize</i> 492 <i>Remember</i> 494 TAE: IN T488 AM T488, T491 AL T488, T490 SS T492
02. Represent equations, inequalities, and functions in a variety of formats.	
a. Represent a set of data in a table, as a graph, and as a mathematical relationship.	SE: 514 <i>On Your Own Exercises</i> 508 #21, 509 #22, 617 #4, 626 #15, 642, 645 <i>Think & Discuss</i> 515 <i>Review & Self-Assessment</i> 654 #3, 656 #5 TAE: TD T515

STANDARDS	PAGE REFERENCES
03. Apply functions to a variety of problems.	
a. Use patterns and functions to represent and solve problems.	SE: <i>On Your Own Exercises</i> 629 #19 <i>Investigation</i> 634, 636 <i>Problem Set</i> 634-635, 636-637 <i>Share & Summarize</i> 637 TAE: IN T634 D T634, T635 AL T635

Codes Used for TG Pages

AA	Additional Answers
AE	Additional Examples
AL	Access for All Learners
AM	About the Mathematics
COV	Chapter Overview
D	Develop
E	Exercise
EE	Exercise Extension
I	Introduce
IN	Investigation
LI	Lab Investigation
MB	Mathematical Background
O	Overview
OSA	On the Spot Assessment
S	
SS	Share & Summarize
TD	Think & Discuss
WDL	What Did You Learn?