



Pre-Algebra

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STANDARDS	PAGE REFERENCES
Standard 1.0 Knowledge of Algebra, Patterns, or Functions	
A1 Identify, describe, extend and create patterns, functions and sequences.	
Grades 3 – 5	
<ul style="list-style-type: none"> • Create and complete function tables 	<p>Student Edition: 359-363, 409, 776, 800 <i>Algebra Lab</i> 358 <i>Graphing Calculator Lab</i> 364 <i>Practice Test</i> 413</p> <p>Teacher Edition: AE 360, 361</p>
Grades 3 – 8	
<ul style="list-style-type: none"> • Complete, create, extend and interpret function tables 	<p>Student Edition: 359-363, 365-369, 409, 737 #12, 800 <i>Algebra Lab</i> 358 <i>Cross-Curricular Project</i> 289 <i>Graphing Calculator Lab</i> 364 <i>Reading Math</i> 370 <i>Standardized Test Practice</i> 224 #8, 414 #1</p> <p>Teacher Edition: AE 360; PA 59</p>

STANDARDS	PAGE REFERENCES
<ul style="list-style-type: none"> Write a rule for a function table 	<p>Student Edition: 359-363, 365-369, 409, 800 <i>Algebra Lab</i> 358 <i>Standardized Test Practice</i> 224 #8, 414 #1</p>
<p>Grades 6 – 8</p>	
<ul style="list-style-type: none"> Identify, describe, extend and determine recursive arithmetic and geometric sequences 	<p>The following references discuss arithmetic sequences.</p> <p>Student Edition: 158-161, 167 #45, #46, 172 <i>Practice Test</i> 173 #23 <i>Standardized Test Practice</i> 174 #4, 224 #6</p> <p>Teacher Edition: AE 159</p>
<ul style="list-style-type: none"> Interpret and write a rule for function tables 	<p>The following references discuss arithmetic sequences.</p> <p>Student Edition: 158-161, 167 #45, #46, 172 <i>Practice Test</i> 173 #23 <i>Standardized Test Practice</i> 174 #4, 224 #6</p> <p>Teacher Edition: AE 159</p>
<p>Grade 8</p>	
<ul style="list-style-type: none"> Determine whether functions are linear or nonlinear when represented in words, in a table, symbolically, or in a graph 	<p>Student Edition: 365-369, 409, 720-725, 734, 800, 806 <i>Graphing Calculator Lab</i> 395-396 <i>Practice Test</i> 413, 735 #18-#20 <i>Standardized Test Practice</i> 414, 415, 456 #9</p> <p>Teacher Edition: AE 392, 721, 722; DI 398, 721; FMC 367, 378</p>
<p>A2 Identify, describe, extend, analyze or create non-numeric growing or repeating patterns</p>	
<p>Grades 3 & 4</p>	
<ul style="list-style-type: none"> Represent, analyze and create patterns 	<p>Student Edition: 27, 154 #3, 158-161, 209, 357 #12, #13, 767 <i>Algebra Lab</i> 358 <i>Mid-Chapter Quiz</i> 319 #6, #7 <i>Practice Test</i> 353 #15 <i>Standardized Test Practice</i> 121 #9, 174 #1, #4, 224 #6, 415 #11, 456 #4</p> <p>Teacher Edition: AE 27, 159; PA 530</p>

STANDARDS	PAGE REFERENCES
<ul style="list-style-type: none"> Generate a rule for a pattern 	Student Edition: 101, 209 <i>Standardized Test Practice</i> 121 #9, 456 #4
B1 Write, simplify and evaluate expressions	
Grades 3 – 8	
<ul style="list-style-type: none"> Write, identify, and evaluate algebraic expressions 	Student Edition: 32-36, 37-41, 47 #55-#58, 53 #48-#51, 59 #63-#66, 66 #38-#40, 71 <i>Mid-Chapter Quiz</i> 48 <i>Practice Test</i> 73 <i>Reading Math</i> 31 Teacher Edition: A 41; AE 38; DI 38; FMC 33
Grades 6 – 8	
<ul style="list-style-type: none"> Write, evaluate and simplify algebraic expressions 	Student Edition: 37-41, 53 #37-#40, 59 #63-#66, 66 #38-#40, 71, 97 #66-#69, 128 #67, 129-133, 140 #45-#50 <i>Mid-Chapter Quiz</i> 48, 146 <i>Practice Test</i> 73, 173, 223 #15 <i>Reading Math</i> 31 Teacher Edition: A 46; AE 38, 39, 44, 125, 131, 181, 210; DI 38, 181; PA 41
<ul style="list-style-type: none"> Evaluate numeric expressions using the order of operations 	Student Edition: 32-36, 41 #52-#57, 47 #59, 53 #43-#46, 71, 181 <i>Mid-Chapter Quiz</i> 48 <i>Practice Test</i> 173 #1 Teacher Edition: A41; DI 204; FMC 33
Grade 8	
<ul style="list-style-type: none"> Describe a real-world situation represented by an algebraic expressions 	Student Edition: 39, 40 #31-#34, 53 #41-#42, 71 <i>Mid-Chapter Quiz</i> 48 #20 Teacher Edition: AE 39; DI 181; PA 41; T 37

STANDARDS	PAGE REFERENCES
B2 Identify, write, solve and apply equations and inequalities	
Grades 3 – 5	
<ul style="list-style-type: none"> Represent numerical inequalities 	<p>Student Edition: 79, 81, 82, 430-434, 445 #48, 453 <i>Mid-Chapter Quiz</i> 440 <i>Practice Test</i> 455 <i>Reading Math</i> 429 <i>Standardized Test Practice</i> 457 #12</p> <p>Teacher Edition: AE 431, 432; DI 442; I 447; PA 450; TNT 432</p>
Grades 3 – 8	
<ul style="list-style-type: none"> Solve linear equations 	<p>Student Edition: 365-369, 375 #7-#9, 381 #24-#26, 409 <i>Mid-Chapter Quiz</i> 382 <i>Practice Test</i> 413</p> <p>Teacher Edition: AA 413; PA 115, 369</p>
Grades 6 – 8	
<ul style="list-style-type: none"> Write equations to represent relationship that may describe real-world problems 	<p>Student Edition: 51 #52, 71 #41, 88 #5, 109 #30-#33, 156 #12-#15, 397-402 <i>Cross-Curricular Project</i> 23, 289 <i>Practice Test</i> 73 #8, 173 #21 <i>Standardized Test Practice</i> 74 #1</p> <p>Teacher Edition: AE 51; FMC 399</p>
<ul style="list-style-type: none"> Write inequalities to represent relationships and solve 	<p>Student Edition: 430-434, 435-439, 441-445, 446-450, 453-454 <i>Mid-Chapter Quiz</i> 440 <i>Practice Test</i> 455 <i>Standardized Test Practice</i> 457 #14</p> <p>Teacher Edition: AE 431, 442; DI 436</p>

STANDARDS	PAGE REFERENCES
<ul style="list-style-type: none"> Apply formulas to problem solving 	<p>Student Edition: 40 #31-#34, 51 #8-#9, 96 #48-#49, 109 #30-#31, 162-167, 172, 242 #17, 334 #5, 423 #37, 471 #4, 492-496, 545-550, 797, 800 <i>Cross-Curricular Project</i> 23 <i>Spreadsheet Lab</i> 168</p> <p>Teacher Edition: AE 471; FMC 164, 546</p>
<ul style="list-style-type: none"> Solve for the unknown in a linear equation 	<p>Student Edition: 40 #31-#34, 51 #8-#9, 96 #48-#49, 109 #30-#31, 162-167, 172, 242 #17, 334 #5, 423 #37, 471 #4, 492-496, 545-550, 797, 800 <i>Cross-Curricular Project</i> 23 <i>Spreadsheet Lab</i> 168</p> <p>Teacher Edition: AE 471; FMC 164, 546</p>
C1 Locate points on a number line and a coordinate graph	
Grades 3 – 8	
<ul style="list-style-type: none"> Represent rational numbers on the number line and on the coordinate plane 	<p>Student Edition: 54-59, 72, 78-79, 82 #67, 103 #53, 111-115, 118, 230-231, 327, 470 #2 <i>Mid-Chapter Quiz</i> 98 #6 <i>Practice Test</i> 73 #11-#13, 119 #28-#33 <i>Standardized Test Practice</i> 75 #12, 121 #12</p> <p>Teacher Edition: AE 55, 79; TNT 87</p>
Grades 4 – 7	
<ul style="list-style-type: none"> Identify and graph ordered pairs in a coordinate plane 	<p>Student Edition: 54-59, 72, 104 #72-#77, 111-115, 118, 357 <i>Practice Test</i> 73 #10-#13, 119 #28-#33 <i>Standardized Test Practice</i> 74-75</p> <p>Teacher Edition: AE 55, 112</p>
Grades 4 – 8	
<ul style="list-style-type: none"> Graph order pairs in a coordinate plane 	<p>Student Edition: 54-59, 72, 104 #72-#77, 111-115, 118, 357 <i>Practice Test</i> 73 #10-#13, 119 #28-#33 <i>Standardized Test Practice</i> 74-75</p> <p>Teacher Edition: AE 55, 112</p>

STANDARDS	PAGE REFERENCES
<ul style="list-style-type: none"> Graph using a coordinate plane 	<p>Student Edition: 54-59, 72, 104 #72-#77, 111-115, 118, 357 <i>Practice Test</i> 73 #10-#13, 119 #28-#33 <i>Standardized Test Practice</i> 74-75</p> <p>Teacher Edition: AE 55, 112</p>
Grades 6 – 8	
<ul style="list-style-type: none"> Graph linear equations in a coordinate plane 	<p>Student Edition: 366-367 <i>Mid-Chapter Quiz</i> 382 <i>Standardized Test Practice</i> 414 #1</p> <p>Teacher Edition: AE 367</p>
Grades 7 & 8	
<ul style="list-style-type: none"> Graph linear equations in a coordinate plane 	<p>Student Edition: 366-367 <i>Mid-Chapter Quiz</i> 382 <i>Standardized Test Practice</i> 414 #1</p> <p>Teacher Edition: AE 367</p>
C2 Generalize linear relationships	
Grade 6	
<ul style="list-style-type: none"> Translate the graph of a linear relationship onto a table of values 	<p>Student Edition: <i>Standardized Test Practice</i> 414 #1</p>
Grades 6 – 8	
<ul style="list-style-type: none"> Identify and describe the change represented in a graph or table 	<p>Student Edition: 360 #3, 361 #7-#8, 371-375, 376-381, 410 <i>Mid-Chapter Quiz</i> 382 <i>Practice Test</i> 413 <i>Standardized Test Practice</i> 414, 415</p> <p>Teacher Edition: AE 361, 372, 373, 377; DI 378; FMC 367; PA 381</p>

STANDARDS	PAGE REFERENCES
<ul style="list-style-type: none"> Determine the slope of a linear relationship in a graph, table or equation 	<p>Student Edition: 384-389, 410 <i>Algebra Lab</i> 383 <i>Graphing Calculator Lab</i> 390 <i>Practice Test</i> 413</p> <p>Teacher Edition: A 389; AE 385, 386</p>
C2 Analyze linear relationships	
Grade 6	
<ul style="list-style-type: none"> Identify and describe the change represented in a graph 	<p>Student Edition: 371-375, 377, 379, 380 <i>Mid-Chapter Quiz</i> 382</p> <p>Teacher Edition: AE 372, 373, 377</p>
Grades 6 – 8	
<ul style="list-style-type: none"> Determine the slope of a linear relationship in a graph, table or equation 	<p>Student Edition: 384-389, 410 <i>Algebra Lab</i> 383 <i>Graphing Calculator Lab</i> 390 <i>Practice Test</i> 413</p> <p>Teacher Edition: A 389; AE 385, 386</p>
<ul style="list-style-type: none"> Identify slope from a table of values, a graph, or a linear equation 	<p>Student Edition: 384-389, 397-402, 410-411 <i>Algebra Lab</i> 383 <i>Graphing Calculator Lab</i> 390, 395-396 <i>Practice Test</i> 413</p> <p>Teacher Edition: AA 413; AE 385, 398; PA 402</p>
Grades 7-8	
<ul style="list-style-type: none"> Determine slope (rate of change) from a table of values, graph, or linear equation 	<p>Student Edition: 371-375, 376-379, 384-389, 402 #43, 410 <i>Algebra Lab</i> 383 <i>Graphing Calculator Lab</i> 390, 395-396</p> <p>Teacher Edition: AE 377, 385; DI 385; FMC 378</p>

STANDARDS	PAGE REFERENCES
Grade 8	
<ul style="list-style-type: none"> Determine the slope of a graph in a linear relationship 	<p>Student Edition: 384-389, 392 #3, #4 <i>Graphing Calculator Lab</i> 395-396 <i>Practice Test</i> 413 #17-#18</p> <p>Teacher Edition: A 389; AE 385, 386</p>
Standard 2.0 Knowledge of Geometry	
B1 Analyze the properties of solid geometric figures	
Grades 3 & 4	
<ul style="list-style-type: none"> Identify and describe prisms, pyramids, cylinders, and cones 	<p>Student Edition: 575-581, 616 <i>Cross-Curricular Project</i> 459 <i>Mid-Chapter Quiz</i> 595 #1-#5</p> <p>Teacher Edition: AA 619; AE 576; FMC 572G; PC 572H</p>
Standard 3.0 Knowledge of Measurement	
C1 Estimate and apply measurement formulas	
Grades 3 & 6	
<ul style="list-style-type: none"> Estimate and determine the volume of rectangular prisms 	<p>Student Edition: 583, 585-587, 616 <i>Mid-Chapter Quiz</i> 595 #7</p> <p>Teacher Edition: AE 584</p>
Grade 7	
<ul style="list-style-type: none"> Estimate and determine the volume of a triangular prism 	<p>Student Edition: 583-588, 616 <i>Geometry Lab</i> 582 <i>Mid-Chapter Quiz</i> 595 #8</p> <p>Teacher Edition: AE 584</p>

STANDARDS	PAGE REFERENCES
Grade 8	
<ul style="list-style-type: none"> Estimate and determine the volume of cylinders, cones, pyramids, and spheres 	<p>Student Edition: 583-588, 589-594, 616-617 <i>Geometry Lab</i> 582 <i>Mid-Chapter Quiz</i> 595 <i>Practice Test</i> 619 #7</p> <p>Teacher Edition: AE 586, 590, 591; PA 588</p>
Standard 4.0 Knowledge of Statistics	
A1 Collect, organize, and display data	
Grades 3 – 5	
<ul style="list-style-type: none"> Collect data by conducting surveys to answer a question 	<p>Student Edition: 344 #2, 345 #4, 363 #37, 369 #55, 648 #23, 667 #4 <i>Algebra Lab</i> 273 <i>Cross-Curricular Project</i> 23, 289, 623 <i>Standardized Test Practice</i> 287 #10, 456 #2</p> <p>Teacher Edition: AE 345</p>
Grades 3 – 8	
<ul style="list-style-type: none"> Organize and display data using frequency tables, line plot, back-to-back stem-and-leaf plots, and circle graphs 	<p>Student Edition: 325 #27, 555 #27-#29, 626-631, 648 #23, 663 #17 <i>Cross-Curricular Project</i> 23, 289, 623 <i>Graphing Calculator Lab</i> 632 <i>Mid-Chapter Quiz</i> 658 #8</p> <p>Teacher Edition: AE 652-653; DI 652</p>
Grades 4 – 6 & 8	
<ul style="list-style-type: none"> Organize and display data in a variety of statistical formats, which includes line plots, stem-and-leaf plots, frequency tables, circle graphs, box-and-whisker plots, and scatter plots 	<p>Student Edition: 61-66 #72, #83, 79-82, 213 #75, 325 #27-#28, 555 #27-#29, 626-631, 638-642, 648 #23, 691, 763, 813 #16 <i>Algebra Lab</i> 60 <i>Cross-Curricular Project</i> 23, 289, 623 <i>Graphing Calculator Lab</i> 67-68, 632, 643 <i>Practice Test</i> 73 #16, 413 #19 <i>Standardized Test Practice</i> 75 #13</p> <p>Teacher Edition: AE 62, 63, 627, 628, 639; PC 624H</p>

STANDARDS	PAGE REFERENCES
Grades 4 – 8	
<ul style="list-style-type: none"> Organize and display data in a variety of statistical formats, which includes line plots, stem-and-leaf plots, frequency tables, circle graphs, box-and-whisker plots, multiple box-and-whisker plots, and scatter plots 	<p>Student Edition: 61-66 #72, #83, 79-82, 213 #75, 325 #27-#28, 555 #27-#29, 626-631, 638-642, 648 #23, 691, 763, 813 #16 <i>Algebra Lab</i> 60 <i>Cross-Curricular Project</i> 23, 289, 623 <i>Graphing Calculator Lab</i> 67-68, 632, 643 <i>Practice Test</i> 73 #16, 413 #19 <i>Standardized Test Practice</i> 75 #13</p> <p>Teacher Edition: AE 62, 63, 627, 628, 639; PC 624H</p>
Grade 5	
<ul style="list-style-type: none"> Determine the appropriate type of graph to display data 	<p>Student Edition: 651-656, 663 #17, 669 #42, 693, 695 #10-#11, 805 <i>Mid-Chapter Quiz</i> 658 #13-#16 <i>Practice Test</i> 695 <i>Spreadsheet Lab</i> 657</p> <p>Teacher Edition: AE 652, 653; FMC 653; PA 656</p>
Grades 5, 6, & 8	
<ul style="list-style-type: none"> Interpret data from a variety of statistical formats, also including double bar graphs, double line graphs, and multiple box-and-whisker plots 	<p>Student Edition: 62 #2, 65 #23, 127 #45-#47, 199 #31, 217 #34-#36, 260 #49, 271 #32, #33, 330 #35-#37, 627 #2, 629 #12-#16, 639-641 <i>Algebra Lab</i> 273, 307 <i>Graphing Calculator Lab</i> 632, 643 <i>Mid-Chapter Quiz</i> 382 #12 <i>Practice Test</i> 223 #29, #30</p> <p>Teacher Edition: AA 695</p>
Grade 8	
<ul style="list-style-type: none"> Organize and display data to make a scatter plot 	<p>Student Edition: 61-66, 72, 83 #79-#82, 90 #56-#57, 213 #75 <i>Algebra Lab</i> 60 <i>Graphing Calculator Lab</i> 67</p>

STANDARDS	PAGE REFERENCES
B1 Analyze data	
Grades 3 – 6 & 8	
<ul style="list-style-type: none"> Interpret data from a variety of statistical formats which includes line plots, stem-and-leaf plots, back-to-back stem-and-leaf plots, frequency tables, circle graphs, box-and-whisker plots, scatter plots, double bar graphs, double line graphs, and multiple box-and-whisker plots 	<p>Student Edition: 61-66, 72, 83 #79-#82, 90 #56-#57, 213 #75 <i>Algebra Lab 60</i> <i>Graphing Calculator Lab 67</i></p>
Grades 5, 6, & 8	
<ul style="list-style-type: none"> Interpret data from a variety of statistical formats, which includes line plots, stem-and-leaf plots, back-to-back stem-and-leaf plots, frequency tables, circle graphs, box-and-whisker plots, multiple box-and-whiskerplots, and scatter plots 	<p>Student Edition: 61-66, 72, 83 #79-#82, 90 #56-#57, 213 #75 <i>Algebra Lab 60</i> <i>Graphing Calculator Lab 67</i></p>
Grade 7	
<ul style="list-style-type: none"> Recognize misuses of data 	<p>Student Edition: 659-663, 669 #41, 674 #35, 693, 805 #5 <i>Reading Math 664</i></p> <p>Teacher Edition: AE 661; PA 656, 663</p>
<ul style="list-style-type: none"> Analyze misleading data representations 	<p>Student Edition: 659-663, 669 #41, 674 #35, 693, 805 #5 <i>Reading Math 664</i></p> <p>Teacher Edition: AE 661; PA 656, 663</p>
B2 Describe a set of data	
Grades 4 – 6	
<ul style="list-style-type: none"> Apply the range and measures of central tendency to solve a problem or answer a question 	<p>Student Edition: 56-57, 66 #34, 72, 94 #3, 274-279, 284, 300 #28-#29, 630 #27-#29 <i>Graphing Calculator Lab 280</i> <i>Practice Test 285 #24, #25</i> <i>Standardized Test Practice 287 #13</i></p> <p>Teacher Edition: AA 285; AE 56, 275; MM 275; PA 279</p>

STANDARDS	PAGE REFERENCES
Grade 7	
<ul style="list-style-type: none"> Compare measures of central tendency to determine which is most appropriate 	<p>Student Edition: 274-279, 284, 296 #54, 300 #28-#29 <i>Graphing Calculator Lab</i> 280 <i>Practice Test</i> 285 #25 <i>Standardized Test Practice</i> 286 #6, 287 #13</p> <p>Teacher Edition: AA 285; AE 276; FCA 280; PA 279</p>
Standard 5.0 Knowledge of Probability	
A1 Identify a sample space	
Grades 3, 5, & 7	
<ul style="list-style-type: none"> Determine the number of outcomes in a sample space for independent events 	<p>Student Edition: 666-669, 671-672 <i>Algebra Lab</i> 675, 688-689</p> <p>Teacher Edition: AE 666; PA 669</p>
Grades 5, 7, & 8	
<ul style="list-style-type: none"> Determine the possible outcomes of independent events 	<p>Student Edition: 682-687 <i>Algebra Lab</i> 688-689</p> <p>Teacher Edition: DI 683</p>
Grade 5	
<ul style="list-style-type: none"> Determine the possible outcomes of independent events 	<p>Student Edition: 682-687 <i>Algebra Lab</i> 688-689</p> <p>Teacher Edition: DI 683</p>
Grade 8	
<ul style="list-style-type: none"> Describe the difference between independent and dependent events 	<p>Student Edition: 682-687, 805 #9-#10 <i>Algebra Lab</i> 688-689</p>

STANDARDS	PAGE REFERENCES
B1 Determine the probability of one or two events comprised of equally likely outcomes	
Grades 3 – 8	
<ul style="list-style-type: none"> Express the probability of an event as a fraction, decimal, or percent 	<p>Student Edition: 665-669, 672-673, 679 #20-#22, 682-687, 693, 694 <i>Cross-Curricular Project</i> 623 <i>Practice Test</i> 695 <i>Standardized Test Practice</i> 697 #9</p> <p>Teacher Edition: AE 666, 672; PA 669</p>
B2 Theoretical probability	
Grade 8	
<ul style="list-style-type: none"> Determine the probability of a second event that is dependent on a first event of equally likely outcomes 	<p>Student Edition: 683, 686 #35</p> <p>Teacher Edition: DI 683</p>
C1 Analyze the results of a survey or simulation	
Grades 6 – 8	
<ul style="list-style-type: none"> Make predictions and express the probability of the results as a fraction, decimal, or percent 	<p>Student Edition: 667 #4, 669 #38</p> <p>Teacher Edition: AE 667; PA 669</p>
C2 Conduct a probability experiment	
<ul style="list-style-type: none"> Conduct a probability experiment 	<p>Student Edition: <i>Algebra Lab</i> 675, 688-689 <i>Cross-Curricular Project</i> 623 <i>Graphing Calculator Lab</i> 681 <i>Spreadsheet Lab</i> 557</p> <p>Teacher Edition: AE 666; DI 671; PA 668, 687</p>

STANDARDS	PAGE REFERENCES
C3 Compare theoretical and experimental probability	
Grades 6 – 8	
<ul style="list-style-type: none"> Compare theoretical and experimental probability 	<p>Student Edition: 666 <i>Algebra Lab</i> 688-689 <i>Graphing Calculator Lab</i> 681 <i>Cross-Curricular Project</i> 623</p> <p>Teacher Edition: AE 666; FMC 667</p>
C4 Describe the difference between theoretical and experimental probability	
Grades 6 – 8	
<ul style="list-style-type: none"> Describe the difference between theoretical and experimental probability 	<p>Student Edition: 666 <i>Algebra Lab</i> 688-689 <i>Graphing Calculator Lab</i> 681 <i>Cross-Curricular Project</i> 623</p> <p>Teacher Edition: AE 666; FMC 667</p>
Standard 6.0 Knowledge of Number Relationships or Computations	
A1 Apply knowledge of rational numbers and place value	
Grade 8	
<ul style="list-style-type: none"> Compare, order and describe positive rational numbers 	<p>Student Edition: 78-82, 117, 230-232, 237 #42-#49, 238 #56, 258-260, 272 #58-#59, 315, 327, 470, 665, 742 <i>Mid-Chapter Quiz</i> 98 #6-#7 <i>Practice Test</i> 119, 223 #29-#30 <i>Reading Math</i> 301 <i>Standardized Test Practice</i> 354 #5, 415 #9</p> <p>Teacher Edition: AE 79; DI 80, 229; FMC 226E, 231; PA 233; TNT 87</p>

STANDARDS	PAGE REFERENCES
C1 Analyze number relations and compute	
Grades 7 & 8	
<ul style="list-style-type: none"> Add, subtract, multiply and divide integers 	<p>Student Edition: 86-90, 93-97, 100-104, 106-110, 115, 117-118, 123, 133, 140, 145 <i>Algebra Lab</i> 84-85, 92, 99, 105 <i>Mid-Chapter Quiz</i> 98 <i>Practice Test</i> 119</p> <p>Teacher Edition: AE 94, 101, 107; FMC 87, 107; TNT 87</p>
<ul style="list-style-type: none"> Add, subtract, multiply and divide fractions and mixed numbers 	<p>Student Edition: 239-244, 245-249, 250-254, 263-267, 272, 279, 282-283, 284, 798 <i>Mid-Chapter Quiz</i> 256 <i>Practice Test</i> 285 <i>Standardized Test Practice</i> 286 #2, 287 #8-#9</p> <p>Teacher Edition: AA 285; AE 240, 251; FMC 241, 265; PA 244, 254</p>
<ul style="list-style-type: none"> Calculate powers of integers and square roots of perfect square whole numbers 	<p>Student Edition: 180-184, 203-207, 209-213, 461, 464-468, 504, 781 <i>Algebra Lab</i> 462-463</p> <p>Teacher Edition: A 463; AE 465; FMC 181, 466; PC 178H, 460H; T 209, 462</p>
<ul style="list-style-type: none"> Identify and use the laws of exponents to simplify expressions 	<p>Student Edition: 204, 206 #50, 207 #52, 213 #64-#67, 215 #3</p> <p>Teacher Edition: AE 205; FMC 204; PA 218</p>
<ul style="list-style-type: none"> Use properties of addition and multiplication to simplify expressions 	<p>Student Edition: 43-47, 53 #37-#40, 66 #37, 71, 90 #50, 124-128, 130, 137, 140 #45-#50, 170, 245 <i>Practice Test</i> 73 #5-#7 <i>Standardized Test Practice</i> 75 #9</p> <p>Teacher Edition: AE 45, 125, 130; FMC 45, 131; PC 24H</p>