



STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Basic Operations & Applications			
Score Range 13–15			
Perform one-operation computation with whole numbers and decimals	Student Edition: P11-P12, P15-P16, P17 Example 1, P19 #1-#9, 12 #1-#3, 13 #15-#17, 37, 39-42 <i>Posttest</i> P3 #3-#12, #20-#21 <i>Pretest</i> P #3-#12, #20-#21 <i>Quick Check</i> 3 #20 <i>Skills Review</i> 9 #57, #59, #61, 15 #77, #79, 46 #55-#58 <i>Spiral Review</i> 15 #76	Student Edition: P10, P11-P12, P13-P14, 3, 16-21, 28-35, 89, 115, 171, 188-196, 237-244, 246-254, 256-263 <i>Concept Summary</i> 189 <i>Key Concept</i> 188, 238 <i>Problem-Solving Tip</i> 247 <i>Study Tip</i> 189, 191, 239, 248, 249, 256, 257 <i>Watch Out!</i> P12, P14	Student Edition: <i>Check Your Understanding</i> 7-9 <i>Example</i> 5-6, 13, 20, 27 <i>H.O.T. Problems</i> 9 <i>Practice and Problem Solving</i> 7, 23 #35-#42, #53-#58
Solve problems in one or two steps using whole numbers	Student Edition: P11-P12, P23-P25, P26-P28, P29-P30, 13 #36, 111-115 <i>Posttest</i> P47 #1, #46 <i>Pretest</i> P3 #1-#2, #37-#39 <i>Quick Check</i> 3 #11-#13 <i>Skills Review</i> 46 #55-#60, 117 #67-#68	Student Edition: P10, P11-P12, P13-P14, 3, 16-21, 28-35, 89, 115, 171, 188-196, 237-244, 246-254, 256-263 <i>Concept Summary</i> 189 <i>Key Concept</i> 188, 238 <i>Problem-Solving Tip</i> 247 <i>Skills Review</i> 35 <i>Study Tip</i> 189, 191, 239, 248, 249, 256, 257 <i>Watch Out!</i> P12, P14	Student Edition <i>Check Your Understanding</i> 7 #2 <i>Example</i> 5, 12, 20 <i>Get Ready</i> 59 #12-#16 <i>H.O.T. Problems</i> 9 #43-#44, #47 <i>Practice and Problem Solving</i> 7 #13 <i>Skills Review</i> 160, 245 <i>Spiral Review</i> 145 #89-#94 <i>Standardized Test Practice</i> 10, 288 #64

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Perform common conversions (e.g., inches to feet or hours to minutes)	Student Edition: 128 Example 4, 128 #7, 129 #18-#19, #24-#27	Student Edition: P4-P5, P6-P7, 12 #77-#79, 44 #67-#69, 115 #82-#84, 134 #62, 885 #38, 899 #14, 900 #22, 901 #23 <i>Study Tip</i> P5, P7	Student Edition: <i>Exercises</i> 68 #1, 112 <i>Practice and Problem Solving</i> 88 #36
Score Range 16–19			
Solve routine one-step arithmetic problems (using whole numbers, fractions, and decimals) such as single-step percent	Student Edition: P11-P12, P13-P16, P17-P19, P20-P22 <i>Posttest</i> P47 #3-#14, #16-#23, #37-#38 <i>Pretest</i> P3 #3-#14, #16-#31, #35 <i>Standardized Test Practice</i> 39 #72	Student Edition: P10, P11-P12, P13-P14, 3, 16-21, 89, 115, 171, 188-196, 237-244, 246-254, 256-263 <i>Concept Summary</i> 189 <i>Key Concept</i> 188, 238 <i>Problem-Solving Tip</i> 247 <i>Study Tip</i> 189, 191, 239, 248, 249, 256, 257 <i>Watch Out!</i> P12, P14	Student Edition: <i>Graphing Technology Lab</i> 90 <i>Spiral Review</i> 25 #72 <i>Standardized Test Practice</i> 25 #70, 236 #60, 272 #52, 280 #56 <i>Spiral Review</i> 145 #89-#94
Solve some routine two-step arithmetic problems	Student Edition: P18 Example 4, P19 #31-#42, #45-#47, 111-115, 119-123 <i>Posttest</i> P47 #1-#2, #42-#43 <i>Practice Test</i> 145 #15, #17-#20 <i>Pretest</i> P3 #32-#34, #36-#40 <i>Spiral Review</i> 39 #84 <i>Study Guide and Review</i> 142 #55-#60, 143 #61-#70	Student Edition: P10, P11-P12, P13-P14, 3, 16-21, 89, 115, 171, 188-196, 237-244, 246-254, 256-263 <i>Concept Summary</i> 189 <i>Key Concept</i> 188, 238 <i>Problem-Solving Tip</i> 247 <i>Study Tip</i> 189, 191, 239, 248, 249, 256, 257 <i>Watch Out!</i> P12, P14	Student Edition: <i>Check Your Understanding</i> 7 #2 <i>Example</i> 5, 12, 20 <i>H.O.T. Problems</i> 9 #43-#44, #47 <i>Practice and Problem Solving</i> 7 #13 <i>Skills Review</i> 245 <i>Standardized Test Practice</i> 10

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 20–23			
Solve routine two-step or three-step arithmetic problems involving concepts such as rate and proportion, tax added, percentage off, and computing with a given average	Student Edition: 111-115, 119-122 <i>Posttest P47 #2, #43</i> <i>Practice Test 145 #15-#19</i> <i>Pretest P3 #1</i> <i>Spiral Review 131 #45-#53, 138 #34</i> <i>Standardized Test Practice 149 #10, #13-#15</i> <i>Study Guide and Review 142 #57-#60, 143 #61-#70</i>	Student Edition: P11-P12, P13-P14, 461-467, 468, 469-477, 478-487, 490-499, 501-508, 518-523, 525-528, 537-545 <i>Concept Summary 482</i> <i>Construction 494</i> <i>Graphing Technology Lab 468</i> <i>Key Concept 462, 463, 469</i> <i>Problem-Solving Tip 482</i> <i>Study Tip 463, 470, 471, 479, 480, 481, 491, 492, 502, 504, 519</i> <i>Test-Taking Tip 480</i> <i>Watch Out! P12, P14, 472</i>	Student Edition: <i>Algebra Lab 68, 281</i> <i>Example 13, 70, 463</i> <i>Exercises 213 #5</i> <i>Get Ready 217 #7</i> <i>Graphing Technology Lab 90</i> <i>Key Concept 462</i> <i>Mid-Chapter Quiz 91 #14</i> <i>Practice and Problem Solving 88 #33-#36, 158 #25, 166 #23, 336 #41, 403 #30, 465 #31</i> <i>Spiral Review 39 #58</i> <i>Standardized Test Example 129</i> <i>Standardized Test Practice 25 #70, 67 #41, 121 #38, 130 #3, 252 #73, 280 #53, #56, 298 #1, 665 #63</i> <i>Why? 256</i>
Score Range 24–27			
Solve multistep arithmetic problems that involve planning or converting units of measure (e.g., feet per second to miles per hour)	Student Edition: 128-130, 699 Example 2, 701 #5-#6, 702 #33, #37, #39-#49, 703 #50-#51 <i>Mid-Chapter Quiz 705 #21</i> <i>Spiral Review 719 #83-#84</i>	Student Edition: P4-P5, P6-P7, 12 #77-#79, 44 #67-#69, 115 #82-#84, 134 #62, 885 #38, 899 #14, 900 #22, 901 #23 <i>Study Tip P5, P7</i>	Student Edition: <i>Algebra Lab 310</i> <i>Exercises 310</i> <i>Practice and Problem Solving 465 #39</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 28–32*			
Solve word problems containing several rates, proportions, or percentages	Student Edition: 113-115, 119-122, 132-137 <i>Extra Practice R2 #21-#24, #29-#30</i> <i>Practice Test 145 #17, #19, #20, #23-#25</i> <i>Spiral Review 124 #54, 138 #34</i> <i>Study Guide and Review 142 #60, 143 #61-#70, 144 #78-#80</i>	Student Edition: 461-467, 468, 469-477, 478-487, 490-499, 501-508, 518-523, 525-528, 537-545 <i>Concept Summary 482</i> <i>Construction 494</i> <i>Graphing Technology Lab 468</i> <i>Key Concept 462, 463, 469</i> <i>Problem-Solving Tip 482</i> <i>Study Tip 463, 470, 471, 479, 480, 481, 491, 492, 502, 504, 519</i> <i>Test-Taking Tip 480</i> <i>Watch Out! 472</i>	Student Edition: <i>Check Your Understanding 79 #3</i> <i>Example 13, 76, 77, 463, 504</i> <i>Exercises 90 #1</i> <i>Get Ready 59 #6 317 #7</i> <i>Mid-Chapter Quiz 91 #14</i> <i>Practice and Problem Solving 80 #11, #22, 81 #30, 88 #33-#36, 166 #23, 185 #44-#45, 270 #33, 336 #41, 403 #30, 404 #40, 465 #40</i> <i>Spiral Review 39 #58, 467 #68, 665 #74</i> <i>Standardized Test Example 129</i> <i>Standardized Test Practice 25 #70, 67 #41, 280 #53, #56, 298 #1, 329 #71, 483 #47</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 33–36†			
Solve complex arithmetic problems involving percent of increase or decrease and problems requiring integration of several concepts from pre-algebra and/or pre-geometry (e.g., comparing percentages or averages, using several ratios, and finding ratios in geometry settings)	Student Edition: 119-123 <i>Extra Practice R2 #22-#24</i> <i>Practice Test 145 #18-#20</i> <i>Spiral Review 131 #45-#50, 138 #34</i> <i>Standardized Test Practice 117 #53, 149 #14, 238 #57, 270 #46, 297 #49, 605 #63</i> <i>Study Guide and Review 143 #61-#70</i>	Student Edition: 461-467, 468, 469-477, 478-487, 490-499, 501-508, 511-517, 518-523, 525-528, 537-545, 681 #43 <i>Concept Summary 482, 511</i> <i>Construction 494</i> <i>Graphing Technology Lab 468</i> <i>Key Concept 462, 463, 469</i> <i>Problem-Solving Tip 482</i> <i>Study Tip 463, 470, 471, 479, 480, 481, 491, 492, 502, 504, 511, 512, 519</i> <i>Test-Taking Tip 480</i> <i>Watch Out! 472</i>	Student Edition: <i>Example 112, 504</i> <i>H.O.T. Problems 159 #29</i> <i>Practice and Problem Solving 465 #40</i> <i>Preparing for Standardized Tests 523</i> <i>Standardized Test Practice 25 #70, 82 #42, 116 #49, 121 #38, 280 #56, 412 #72, 483 #47, 525 #15, 665 #63</i> <i>Spiral Review 467 #68</i> <i>Spreadsheet Lab 508</i>
Probability, Statistics, & Data Analysis			
Score Range 13–15			
Calculate the average of a list of positive whole numbers	Student Edition: P37, P39 #1-#5, P40 #6, #8, #16, 758-762, 772-777 <i>Extra Practice R12 #5-#6</i> <i>Mid-Chapter Quiz 779 #10, #14-#15</i> <i>Posttest P48 #65-#66</i> <i>Practice Test 817 #4-#5, #8</i> <i>Pretest P4 #53-#54</i> <i>Spiral Review 785 #21-#23, 792 #50</i> <i>Study Guide and Review 813 #9-#11, 814 #15-#17</i>	Student Edition: 27-28, 942 <i>Key Concept 27</i> <i>Study Tip 27</i>	Student Edition: <i>Example 735</i> <i>Get Ready 721 #1-#3, Example 1</i> <i>Standardized Test Practice 665 #63</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Perform a single computation using information from a table or chart	Student Edition: 189-194 <i>Extra Practice R4 #8-#9</i> <i>Standardized Test Practice 210 #4</i> <i>Study Guide and Review 206 #43</i>	Student Edition: P8-P9, 108-109, 468, 913, 915-921, 939-946, 954-955, 957-963 <i>Concept Summary 959</i> <i>Geometry Lab 954-955</i> <i>Graphing Technology Lab 468</i> <i>Key Concept 939, 941, 957, 958, 959</i> <i>Reading Math 916, 957, 959</i> <i>Study Tip P9, 917, 940, 942, 960</i> <i>Watch Out! 916</i>	Student Edition: <i>Check Your Understanding 45 #11, 95</i> <i>Example 181, 745-746</i> <i>Practice and Problem Solving 96-97, 747 #10-#11, 748-749</i> <i>Spiral Review 288 #76</i>
Score Range 16–19			
Calculate the average of a list of numbers	Student Edition: P37, P39 #1-#5, P40 #6, #8, #15-#18, 758-762, 772-777 <i>Extra Practice R12 #5-#6</i> <i>Mid-Chapter Quiz 779 #10, #14-#15</i> <i>Posttest P48 #65-#66</i> <i>Practice Test 817 #4-#5, #8</i> <i>Pretest P4 #53-#54</i> <i>Spiral Review 785 #21-#23, 792 #50</i> <i>Study Guide and Review 813 #9-#11, 814 #15-#17</i>	Student Edition: 27-28, 32, 942 <i>Key Concept 27</i> <i>Study Tip 27, 28</i>	Student Edition: <i>Example 734, 735</i> <i>Get Ready 721 #1-#3, Example 1</i> <i>Standardized Test Practice 665 #63</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Calculate the average, given the number of data values and the sum of the data values	See Glencoe <i>Geometry</i> © 2012 and <i>Algebra 2</i> © 2012.	Student Edition: 27-28, 32, 942 <i>Key Concept 27</i> <i>Study Tip 27, 28</i>	Student Edition: <i>Check Your Understanding 747 #1-#4</i> <i>Construct a Probability Distribution 742</i> <i>Example 743-744</i> <i>Practice and Problem Solving 747-749</i>
Read tables and graphs	Student Edition: 40-45, 56-60, 186 #34-#37, 197-201, 219-222, 247-252, 255-261, 548-552, 555-559, 564-570 <i>Practice Test 67 #22, 277 #15</i> <i>Spiral Review 80 #55, 89 #86, 232 #65, 262 #23</i> <i>Standardized Test Practice 89 #81, 209 #1, 210 #7, 297 #50</i> <i>Study Guide and Review 66 #75, 206 #44-#45, 275 #47</i>	Student Edition: P8-P9, 108-109, 913, 915-921, 939-946, 954-955, 957-963, 964-965 <i>Concept Summary 959</i> <i>Geometry Lab 954-955, 964-965</i> <i>Key Concept 939, 941, 957, 958, 959</i> <i>Reading Math 916, 957, 959</i> <i>Study Tip P9, 917, 940, 942, 960</i> <i>Watch Out! 916</i>	Student Edition: <i>Check Your Understanding 45 #11, 95</i> <i>Practice and Problem Solving 46 #31, #44, 47 #52, 65 #14, #23, 96-97, 728 #25, 729 #26</i> <i>Spiral Review 186 #61, 288 #76</i> <i>Standardized Test Practice 82 #44</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Perform computations on data from tables and graphs	Student Edition: 172-179, 182-187, 191-194, 197-201, 216-221, 247-252, 255-261, 263-268 <i>Mid-Chapter Quiz</i> 181 #17, #23-#24 <i>Practice Test</i> 207 #14, 277 #9-#10, #15-#16 <i>Standardized Test Practice</i> 210 #3-#4, #7, #9, 211 #11, 223 #68, #70, 280 #1-#2, #6, 281 #7, #10 <i>Study Guide and Review</i> 205, #27-#28, 206 #43-#45, 275	Student Edition: P8-P9, 468, 913, 915-921, 939-946, 954-955, 957-963 <i>Concept Summary</i> 959 <i>Geometry Lab</i> 954-955 <i>Graphing Technology Lab</i> 468 <i>Key Concept</i> 939, 941, 957, 958, 959 <i>Reading Math</i> 916, 957, 959 <i>Study Tip</i> P9, 917, 940, 942, 960 <i>Watch Out!</i> 916	Student Edition: <i>Check Your Understanding</i> 45 #11, 95 <i>Example</i> 93-95, 181, 745-746 <i>Practice and Problem Solving</i> 96-97, #10-#11, 748 <i>Spiral Review</i> 288 #76
Use the relationship between the probability of an event and the probability of its complement	Student Edition: 794-799	Student Edition: P8-P9, 913, 915-921, 947-953, 956-963, 967-968 <i>Concept Summary</i> 959 <i>Key Concept</i> 948, 949, 950, 957, 958, 959 <i>Reading Math</i> 916, 948, 950, 957, 958, 959 <i>Study Tip</i> P9, 917, 948, 960 <i>Watch Out!</i> 916, 949	The probability of complements can be studied along with the probability of events. Student Edition: <i>Check Your Understanding</i> 756 #1-#4 <i>Example</i> P14, P17, 753-754 <i>Exercises</i> P15, P19 <i>Get Ready</i> 721 #4-#6, Example 2 <i>Key Concepts</i> P16 <i>Practice and Problem Solving</i> 747 #10, #12, 748 #16, 749 #18, 756-757 <i>Skills Review</i> 759 <i>Standardized Test Practice</i> 32 #53, 236 #57, 483 #48, 515 #20, 759 #47

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 20–23			
Calculate the missing data value, given the average and all data values but one	Student Edition: P40 #7 <i>Posttest P48 #68</i> <i>Pretest P4 #56</i>	Student Edition: 28, 32 <i>Study Tip 28</i>	Missing data values can be discussed with the following topic of data, probability and binomial distributions. Student Edition: <i>Check Your Understanding 738, 747, 756</i> <i>Example 734-737, 743-746, 753-755</i> <i>Mid-Chapter Quiz 751 #6-#12</i> <i>Practice and Problem Solving 739-740, 747-749, 756-758</i>
Translate from one representation of data to another (e.g., a bar graph to a circle graph)	Various visual displays are used to represent sets of data. Student Edition: P41-P46 <i>H.O.T. Problems 796 #12-#14</i>	Student Edition: 915-921, 939-946, 954-955, 957-963 <i>Concept Summary 959</i> <i>Geometry Lab 954-955</i> <i>Graphing Technology Lab 468</i> <i>Key Concept 939, 941, 957, 958, 959</i> <i>Reading Math 916, 957, 959</i> <i>Real-World Link 917</i> <i>Study Tip 917, 940, 942, 960</i> <i>Watch Out! 916</i>	Student Edition: <i>Example 734-737</i> <i>H.O.T. Problems 740 #15</i> <i>Practice and Problem Solving 748-749</i> <i>Standardized Test Practice 515 #19</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Determine the probability of a simple event	Student Edition: P33-P34, P36, 780-784 <i>Posttest</i> P48 #54-#57 <i>Practice Test</i> 817 #10 <i>Pretest</i> P4 #47-#48 <i>Quick Check</i> 745 #1-#8 <i>Skills Review</i> 770 #34-#39 <i>Standardized Test Practice</i> 809 #23 <i>Study Guide and Review</i> 815 #18-#19	Student Edition: P8-P9, 913, 922-930, 947-953, 956-963 <i>Key Concept</i> 917, 922, 923, 924, 925, 948, 949, 950, 957, 958, 959 <i>Reading Math</i> 916, 923, 948, 950, 957, 958, 959 <i>Study Tip</i> P9, 917, 923, 925, 948, 960 <i>Watch Out!</i> 916, 949	Student Edition: <i>Check Your Understanding</i> 756 #1-#4 <i>Example</i> P14, P17, 753-754 <i>Exercises</i> P15, P19 <i>Get Ready</i> 721 #4-#6, Example 2 <i>Key Concepts</i> P16 <i>Practice and Problem Solving</i> 747 #10, #12, 748 #16, 749 #18, 756-757 <i>Skills Review</i> 759 <i>Standardized Test Practice</i> 32 #53, 236 #57, 483 #48, 515 #20, 759 #47
Exhibit knowledge of simple counting techniques*	Student Edition: P34-P36, 786-791 <i>Posttest</i> P48 #58 <i>Practice Test</i> 817 #9 <i>Pretest</i> P4 #49 <i>Spiral Review</i> 809 #26 <i>Standardized Test Practice</i> 809 #22 <i>Study Guide and Review</i> 815 #24-#25	Student Edition: 915-921, 922-930, 937, 938 <i>Key Concept</i> 917, 922, 923, 924, 925 <i>Mid-Chapter Quiz</i> 938 <i>New Vocabulary</i> 915, 922 <i>Reading Math</i> 916, 923 <i>Real-World Link</i> 917, 924 <i>Study Tip</i> 917, 923, 925 <i>Watch Out!</i> 916	Student Edition: P9-P11 <i>Example</i> P9-P11 <i>Exercises</i> P12 <i>Skills Review</i> 741 <i>Spiral Review</i> 74 #68, 116 #59, 186 #62 <i>Standardized Test Practice</i> 178 #40 <i>Study Tip</i> P10

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 24–27			
Calculate the average, given the frequency counts of all the data values	Frequency tables are used to show a tally of data. Student Edition: P41, P45 #2	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 747 #5 <i>Example</i> P18, 744, 753 <i>Get Ready</i> 721 #1-#3, <i>Example</i> 1 <i>H.O.T. Problems</i> 749 #19, #21 <i>Practice and Problem Solving</i> 747 #10, 748-749 <i>Standardized Test Practice</i> 741 #18
Manipulate data from tables and graphs	Student Edition: 172-179, 247-252, 255-261 <i>Practice Test</i> 277 #9-#10, #16 <i>Study Guide and Review</i> 275	Student Edition: P8-P9, 108-109, 468, 913, 915-921, 939-946, 954-955, 957-963 <i>Concept Summary</i> 959 <i>Geometry Lab</i> 954-955 <i>Graphing Technology Lab</i> 468 <i>Key Concept</i> 939, 941, 957, 958, 959 <i>Reading Math</i> 916, 957, 959 <i>Study Tip</i> P9, 917, 940, 942, 960 <i>Watch Out!</i> 916	Student Edition: <i>Check Your Understanding</i> 95, 15 #1 <i>Example</i> 171, 181, 743-746 <i>Practice and Problem Solving</i> 65 #14, #23, 73 #51, 96-97, 175 #13, 176 #16, #21, #28, 177 #29, 747 #10-#11, 748 <i>Spiral Review</i> 288 #76 <i>Spreadsheet Lab</i> 169-170

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Compute straightforward probabilities for common situations	Student Edition: P33-P34, P36 <i>Posttest</i> P48 #54-#57 <i>Pretest</i> P4 #47-#48 <i>Quick Check</i> 745 #1-#8 <i>Skills Review</i> 770 #34-#39	Student Edition: P8-P9, 913, 922-930, 947-953, 956-963 <i>Key Concept</i> 917, 922, 923, 924, 925, 948, 949, 950, 957, 958, 959 <i>Reading Math</i> 916, 923, 948, 950, 957, 958, 959 <i>Study Tip</i> P9, 917, 923, 925, 948, 960 <i>Watch Out!</i> 916, 949	Student Edition: <i>Check Your Understanding</i> 747 #5, 756 #1-#5 <i>Example</i> 744, 753, 753-754 <i>Get Ready</i> 721 #4-#6, Example 2 <i>H.O.T. Problems</i> 758 #44 <i>Practice and Problem Solving</i> 747 #10, #12, 748 #16, 749 #18, 756-758 <i>Skills Review</i> 759 <i>Standardized Test Practice</i> 759 #47
Use Venn diagrams in counting*	Student Edition: 793-799	Student Edition: 101-105, 107, 114 #58-#61, 119, 135, 161, 165 #6, 166-167, 362 #56, 946, 950, 952, 957-958, 971, R2 #4-#6 <i>Mid-Chapter Quiz</i> 135 <i>Problem-Solving Tip</i> 166-167 <i>Test-Taking Tip</i> 950	The following examples show various uses of Venn diagrams. Student Edition: P14, 248 <i>Key Concept</i> 11
Score Range 28–32*			
Calculate or use a weighted average	Student Edition: 132-137 <i>Extra Practice</i> R2 #29, #30 <i>Practice Test</i> 145 #23-#25 <i>Spiral Review</i> 162 #69, 168 #58 <i>Study Guide and Review</i> 144	Student Edition: 942, 964-965 <i>Geometry Lab</i> 964-965 <i>Math History Link</i> 942 <i>Study Tip</i> 942	Student Edition: <i>Analyze a Probability Distribution</i> 745 <i>Check Your Understanding</i> 747 #5 <i>Example</i> 745-746 <i>H.O.T. Problems</i> 749 #24 <i>Key Concept</i> 745 <i>Practice and Problem Solving</i> 747 #10-#12, 748

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Interpret and use information from figures, tables, and graphs	Student Edition: 40-45, 56-61, 197-201, 219-222 <i>Extra Practice</i> R1 #16, #19, R3 #10, #19 <i>Practice Test</i> 67 #12, 277 #9, #16 <i>Preparing for Standardized Tests</i> 69 #2, 70 #2, #5, 209 #1 <i>Study Guide and Review</i> 65 #59-#64, 66 #75, 206 #45	Student Edition: P8-P9, 108-109, 468, 913, 915-921, 939-946, 954-955, 957-963 <i>Concept Summary</i> 959 <i>Geometry Lab</i> 954-955 <i>Graphing Technology Lab</i> 468 <i>Key Concept</i> 939, 941, 957, 958, 959 <i>Reading Math</i> 916, 957, 959 <i>Study Tip</i> P9, 917, 940, 942, 960 <i>Watch Out!</i> 916	Student Edition: <i>Check Your Understanding</i> 95 <i>Example</i> 63, 181, 743-746 <i>Practice and Problem Solving</i> 31 #44, 46 #31, #44, 47 #52, 65 #14, #23, 96-97, 747 #10-#11, 748 <i>Spiral Review</i> 288 #76 <i>Standardized Test Practice</i> 82 #44
Apply counting techniques	Student Edition: P34-P36, 786-791 <i>Extra Practice</i> R12 #9-#13 <i>Posttest</i> P48 #58, #63, #64 <i>Practice Test</i> 817 #9 <i>Study Guide and Review</i> 815 #24	Student Edition: 915-921, 922-930, 937, 938 <i>Key Concept</i> 917, 922, 923, 924, 925 <i>Mid-Chapter Quiz</i> 938 <i>New Vocabulary</i> 915, 922 <i>Reading Math</i> 916, 923 <i>Real-World Link</i> 917, 924 <i>Study Tip</i> 917, 923, 925 <i>Watch Out!</i> 916	Student Edition: P9-P11 <i>Example</i> P9-P11 <i>Exercises</i> P12 <i>Skills Review</i> 741 <i>Spiral Review</i> 74 #68, 116 #59 <i>Study Tip</i> P10

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Compute a probability when the event and/or sample space are not given or obvious	Student Edition: P33-P36, 780-784, 793-799, 803-808 <i>Extra Practice</i> R12 #8, #14-#18 <i>Posttest</i> P48 #54-#57 <i>Practice Test</i> 817 #10 <i>Study Guide and Review</i> 815 #18, 816 #26-#32	Student Edition: P8-P9, 913, 922-930, 947-953, 956-963 <i>Key Concept</i> 917, 922, 923, 924, 925, 948, 949, 950, 957, 958, 959 <i>Reading Math</i> 916, 923, 948, 950, 957, 958, 959 <i>Study Tip</i> P9, 917, 923, 925, 948, 960 <i>Watch Out!</i> 916, 949	Student Edition: <i>Check Your Understanding</i> 756 #6, 764 #8 <i>Example</i> 755, 763 <i>H.O.T. Problems</i> 758 #42 <i>Practice and Problem Solving</i> 747 #10, #12, 748 #16, 749 #18, 757 #21-#22, 758, 764 #11, #17, 765 <i>Spreadsheet Lab</i> 767-768 <i>Standardized Test Practice</i> 32 #53, 236 #57, 515 #20
Score Range 33–36†			
Distinguish between mean, median, and mode for a list of numbers	Student Edition: P37, P39-P40, 771-777 <i>Extra Practice</i> R12 #6 <i>Mid-Chapter Quiz</i> 779 #14-#15 <i>Posttest</i> P48 #65-#66 <i>Practice Test</i> 817 #4-#5 <i>Spiral Review</i> 785 #21-#23, 792 #50 <i>Study Guide and Review</i> 814 #15-#16	Student Edition: 27-28, 159 #36, 351 #49, 411 #49, 804 #52 <i>Key Concept</i> 27 <i>Study Tip</i> 27, 28	Student Edition: <i>Check Your Understanding</i> 738 <i>Example</i> 734-735 <i>Get Ready</i> 721 #1-#3, Example 1 <i>H.O.T. Problems</i> 740 #13 <i>Key Concept</i> 735 <i>Practice and Problem Solving</i> 739-740 <i>Standardized Test Practice</i> 39 #51, 186 #51, 272 #50, 309 #71, 483 #46, 491 #69

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Analyze and draw conclusions based on information from figures, tables, and graphs	Student Edition: 40-45, 56-61, 197-201, 219-222 <i>Extra Practice</i> R1 #16, #19, R3 #10, #19 <i>Practice Test</i> 67 #12, 277 #9, #16 <i>Preparing for Standardized Tests</i> 69 #2, 70 #2, #5, 209 #1 <i>Study Guide and Review</i> 65 #59-#64, 66 #75, 206 #45	Student Edition: P8-P9, 108-109, 468, 913, 915-921, 939-946, 954-955, 957-963 <i>Concept Summary</i> 959 <i>Geometry Lab</i> 954-955 <i>Graphing Technology Lab</i> 468 <i>Key Concept</i> 939, 941, 957, 958, 959 <i>Reading Math</i> 916, 957, 959 <i>Study Tip</i> P9, 917, 940, 942, 960 <i>Watch Out!</i> 916	Student Edition: <i>Check Your Understanding</i> 45 #11, 774 <i>Example</i> 181, 743-746, 770-773 <i>H.O.T. Problems</i> 166 #24, 177 #33-#34, 775 #24 <i>Practice and Problem Solving</i> 31 #44, 46 #31, #44, 65 #14, #23, 143 #69, 184 #29-#34, 251 #65, 748-749, 774-775 <i>Spiral Review</i> 288 #76, 309 #80 <i>Standardized Test Practice</i> 82 #44, 515 #22
Exhibit knowledge of conditional and joint probability	Student Edition: 793-799 <i>Extra Practice</i> R12 #14-#18 <i>Spiral Review</i> 809 #25 <i>Study Guide and Review</i> 816 #26-#32	Student Edition: 947-953, 954-955, 956-963, 968, 969 <i>Concept Summary</i> 959 <i>Geometry Lab</i> 954-955 <i>Key Concept</i> 948, 949, 950, 957, 958, 959 <i>New Vocabulary</i> 947 <i>Reading Math</i> 948, 950, 957, 959 <i>Study Tip</i> 948, 960 <i>Test-Taking Tip</i> 950 <i>Watch Out!</i> 949	Student Edition: P14 <i>Example</i> P14 <i>Exercises</i> P15 <i>Standardized Test Practice</i> 32 #53 <i>Study Tip</i> P14

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Numbers: Concepts & Properties			
Score Range 13–15			
Recognize equivalent fractions and fractions in lowest terms	Student Edition: P14 Example 4, P16 #15-#25, P17-P19, P20-P22 <i>Posttest</i> P47 #16-#19, #30-#35 <i>Quick Check</i> 3 #1-#10	Student Edition: 3, 15, 22-24, 115 #70, 186 #56-#61, 188-196, 199-203, 333 #56, 401 #56, 659 #47, 879 #44, 937 #41 <i>Key Concept</i> 188 <i>Study Tip</i> 199	Student Edition: 539, 685 <i>Example</i> 6, 221 <i>Standardized Test Practice</i> 48 #64, 236 #60, 349 #87
Score Range 16–19			
Recognize one-digit factors of a number	Student Edition: 494-498, 504-508, 510-515 <i>Quick Check</i> 3 #1-#10 <i>Quick Review</i> 3 Example 1	Student Edition: 3, 22-24, 44 #37, 72 #72, 199-203, 401 #56 <i>Quick Check</i> 3 <i>Quick Review</i> 3	Student Edition: 240 <i>Check Your Understanding</i> 242 <i>Concept Summary</i> 343, 358 <i>Example</i> 239-241, 342-343, 354 <i>Factors of Polynomials</i> 354 <i>Key Concept</i> 238 <i>Practice and Problem Solving</i> 242-244

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Identify a digit's place value	<p>Knowledge of place value is necessary when rounding answers.</p> <p>Student Edition: P19 #1-#9, P27 Example3, P28 #4-#17, #21-#23, P30 #16-#18, 557 Example4, 558 #5-#8, #22-#27, 577 #19-#30, 584 Example 2, 587 #1-#6, #16-#28, 588 #46-#48</p> <p><i>Mid-Chapter Quiz</i> 582 #9-#12, #23-#25</p> <p><i>Posttest</i> P48 #48-#50</p> <p><i>Pretest</i> P4 #41-#43</p>	<p>Student Edition: 115 #71, 150 #23, 178 #54</p>	<p>Student Edition: <i>Real Numbers</i> 11, 685</p>
Score Range 20–23			
Exhibit knowledge of elementary number concepts including rounding, the ordering of decimals, pattern identification, absolute value, primes, and greatest common factor	<p>Student Edition: P7-P10, P11-P12, P13-P16, P17-P19, P27 Example 3, P28 #4-#17, #21-#23, 103-108, 189-195, 494-499</p> <p><i>Algebra Lab</i> 23-24</p> <p><i>Posttest</i> P47 #13-#15, P48 #48-#50</p> <p><i>Pretest</i> P3 #13-#15, P4 #48-#50</p> <p><i>Quick Check</i> 3 #1-#10</p> <p><i>Quick Review</i> 3 Example 1</p> <p><i>Skills Review</i> 589 #72-#77, 633 #85-#90</p>	<p>Student Edition: P10, 25, 64 #52, 98 #70, 115 #72, 199, 282 #28-#29, 351 #52, 429 #53, 468, 509-510</p> <p><i>Geometry Lab</i> 509-510</p> <p><i>Graphing Technology Lab</i> 468</p>	<p>Student Edition: <i>Get Ready</i> 217 #9-#14 <i>H.O.T. Problems</i> 47 #58 <i>Practice and Problem Solving</i> 16 #51, 31 #44 <i>Skills Review</i> 236 <i>Standardized Test Practice</i> 39 #53, 67 #42, 107 #45, 204 #44, 665 #62, 709 #41</p>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 24–27			
Find and use the least common multiple	Student Edition: P14-P16, 713-719, 720 Example 1, 723 #1-#4, #14-#22, 727-731 Posttest P47 #18-#19 Pretest P3 #16-#18 Spiral Review 725 #52-#57 Study Guide and Review 725 #51	Student Edition: 3, 15, 22-24 Quick Check 3 Quick Review 3	Student Edition: <i>Check Your Understanding</i> 541 #1-#4, #14-#17 Example 538, 540 H.O.T. Problems 543 #63, #65 LCM of Polynomials 538 Practice and Problem Solving 541 #18-#21, 542-543
Order fractions	Student Edition: P13, P16 #1-#10 Posttest P47 #13-#15 Pretest P3 #13-#15	See Glencoe <i>Geometry</i> © 2012 and <i>Algebra 2</i> © 2012.	Student Edition: H.O.T. Problems 16 #59 Practice and Problem Solving 16 #51
Work with numerical factors	Student Edition: P17-P19 Posttest P47 #30-#38 Pretest P3 #24-#31	Student Edition: 3, 22-24, 44 #37, 72 #72, 199-203, 401 #56 Quick Check 3 Quick Review 3	Student Edition: Get Ready 217 #9-#14 Skills Review 236, 309 Standardized Test Practice 309 #72
Work with scientific notation	Student Edition: 414-420 Mid-Chapter Quiz 421 #28-#40 Practice Test 455 #18-#24 Spiral Review 429 #50-#52, 436 #28-#33 Study Guide and Review 453 #39-41	Student Edition: 115 #71, 508 #36	Student Edition: Practice and Problem Solving 308 #51, 410 #56 Preparing for Standardized Tests 866

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Work with squares and square roots of numbers	Student Edition: P7-10, P27 Example 3, P28 #8-#16, #20, #23, P29 Example 2, P30 #16-#18, P31 Example 1b, P32 #11-#12, #17, 525-527, 628-631, 635-639, 648-653 <i>Mid-Chapter Quiz</i> 647 #7-#12, #14-#21, #29 <i>Posttest</i> P48 #48-#50 <i>Pretest</i> P4 #41-#42 <i>Quick Check</i> 617 #1-#5 <i>Skills Review</i> 515 #69-#74, 579 #76-81, 605 #74-#79	Student Edition: P19-P20, P21, 25-35, 265, 535, 537-545, 546, 547-555, 556-557, 558-566, 835, 847-853, 857-862, 871, 896-902 <i>Geometry Lab</i> 871 <i>Graphing Technology Lab</i> 546, 556-557 <i>Key Concept</i> 25, 26, 27, 537 <i>Study Tip</i> 26, 27, 28, 29, 538, 539, 548, 550, 559, 560, 897	Student Edition: <i>Check Your Understanding</i> 14 #3, #12, 409 #1-#3, #7-#8 <i>Example</i> 408, 415, 416, 417 <i>Graphing Technology Lab</i> 413 <i>H.O.T. Problems</i> 411 #60 <i>Practice and Problem Solving</i> 14 #20, #23, #25, #35, 410 #12-#20, #24-#25, #38-#41, #47-#48 <i>Simplify Radicals</i> 407 <i>Spiral Review</i> 421 #70
Work problems involving positive integer exponents*	Student Edition: 10-13, 34-36, 50-52, 391-396, 648-653 <i>Mid-Chapter Quiz</i> 32 #7, #9-#10, #13 <i>Practice Test</i> 67 #4-#7 <i>Skills Check</i> 413 #111-#114 <i>Skills Review</i> 46 #55-#60, 61 #35-#38 <i>Study Guide and Review</i> 63 #14-#16, #19, #22-#23, #25, #27	Student Edition: P19-P20, P21, 25-35, 265, 535, 537-545, 546, 547-555, 556-557, 558-566, 835, 847-853, 857-862, 863-870, 871, 872, 873-879, 880-887, 896-902 <i>Geometry Lab</i> 871 <i>Graphing Technology Lab</i> 546, 556-557 <i>Key Concept</i> 25, 26, 27, 537, 863, 864, 873, 874, 880 <i>Study Tip</i> 26, 27, 28, 29, 538, 539, 548, 550, 559, 560, 881, 882, 897, 898	Student Edition: <i>Check Your Understanding</i> 307 #1-#3, #6-#8 <i>Example</i> 305-306 <i>H.O.T. Problems</i> 308 #68 <i>Practice and Problem Solving</i> 307 #17-#26, #28-#29, #31-#37, #40, 308 #41-#42, #46-#53, #56-#61, #63

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Work with cubes and cube roots of numbers*	Student Edition: 407-411 <i>Algebra Lab</i> 640-641 <i>Practice Test</i> 455 #7, #9, #11, #13 <i>Study Guide and Review</i> 453 #29, #32, #35	Student Edition: 863-870, 871, 872, 873-879, 880-887, 896-902 <i>Concept Summary</i> 875 <i>Geometry Lab</i> 546, 556-557 <i>Graphing Technology Lab</i> 871 <i>Key Concept</i> 863, 864, 873, 874, 880, 882, 896 <i>Study Tip</i> 881, 882, 897, 898	Student Edition: <i>Example</i> 415, 417 <i>Graphing Technology Lab</i> 413 <i>H.O.T. Problems</i> 411 #65, 420 #61 <i>Practice and Problem Solving</i> 410 #21, #23, #26, #29, #31-#32, #36, #42, #46, #49, #52-#53, #56 <i>Simplify Radicals</i> 407 <i>Spiral Review</i> 421 #71 <i>Standardized Test Practice</i> 412 #73
Determine when an expression is undefined*	Student Edition: 727-731 <i>H.O.T. Problems</i> 21 #55	Student Edition: 189, 192-194 <i>Study Tip</i> 189	Student Edition: <i>H.O.T. Problems</i> 308 #67
Exhibit some knowledge of the complex numbers†	Student Edition: 555, 575 Example 3, 586	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Algebra Lab</i> 253-254 <i>Check Your Understanding</i> 250 <i>Example</i> 247-249 <i>Exercises</i> 254 <i>H.O.T. Problems</i> 251 <i>Key Concept</i> 247 <i>Practice and Problem Solving</i> 250-251 <i>Pure Imaginary Numbers</i> 246 <i>Standardized Test Practice</i> 262 #66, 357 #46, 412 #71 <i>Study Guide and Review</i> 292 4-4

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 28–32*			
Apply number properties involving prime factorization	Student Edition: 494 Example 1, 497 #1-#4, 498 #15-#20, 628-629, 631 #1- #9, #17-#34 <i>Mid-Chapter Quiz</i> 647 #8-#10 <i>Skills Review</i> 633 <i>Spiral Review</i> 639 #44-#49 <i>Study Guide and Review</i> 664 #18-#21	See Glencoe <i>Algebra 1</i> © 2012.	Student Edition: <i>Get Ready</i> 317 #9-#14, Example 2 <i>Standardized Test Practice</i> 337 #54, 709 #41
Apply number properties involving even/odd numbers and factors/multiples	Student Edition: P14-P16, P17-P19 <i>Posttest</i> P47 #18-#19, #30-#38 <i>Pretest</i> P3 #16-#18, #24-#31	Student Edition: 44 #57, 282 #29, 362 #48, 429 #53	Student Edition: <i>Example</i> 344 <i>Get Ready</i> 317 #9-#14, Example 2 <i>H.O.T. Problems</i> 336 #52, 348 #83 <i>Skills Review</i> 236
Apply number properties involving positive/negative numbers	Student Edition: P11-P12, P13-P16, P17-P19, 50-52 <i>Posttest</i> P47 #3-#12, #16-#23, #30-#35 <i>Pretest</i> P3 #3-#12, #16-#21, #24-#29 <i>Practice Test</i> 67 #6-#9, #20 <i>Skills Review</i> 22 #75-#80, 54 #70-#75, 397 #79-#84 <i>Study Guide and Review</i> 66 #68-#71	Student Edition: 3, 44 #57, 74 #44, 188-196, 197, 198-205, 206, 282 #29, 309 #41, 362 #48 <i>Concept Summary</i> 189 <i>Geometry Lab</i> 206 <i>Key Concept</i> 188, 198, 200 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 189, 191, 199 <i>Watch Out!</i> 199	Student Edition: 34 <i>Properties of Real Numbers</i> 12

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Apply rules of exponents	Student Edition: 10-13, 391-396, 398-404, 406-412 <i>Mid-Chapter Quiz</i> 421 #1-#27 <i>Practice Test</i> 67 #4-#7, 455 #1-#17 <i>Quick Check</i> 389 #1-#8, #12-#18 <i>Skills Check</i> 413 #111-#114 <i>Skills Review</i> 46 #55-#60, 61 #35-#38, 405 #82-#89 <i>Study Guide and Review</i> 63 #14-#16, #19, #22-#23, #25-#26	Student Edition: 3, 35 #75, 74 #44, 150 #24, 159 #38, 362 #48, 401 #56, 577 #67, 815 #41, 844 #43	Student Edition: <i>Check Your Understanding</i> 307, 425 <i>Concept Summary</i> 303 <i>Example</i> 304-306, 423-424 <i>H.O.T. Problems</i> 427 #66, #68, 434 #72, #73 <i>Key Concept</i> 304, 422, 423 <i>Practice and Problem Solving</i> 307-308, 426-427 <i>Skills Review</i> 458
Multiply two complex numbers†	See Glencoe <i>Algebra 2</i> © 2012.	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 250 #13-#14 <i>Example</i> 249 <i>H.O.T. Problems</i> 251 #69 <i>Practice and Problem Solving</i> 250 #30-#32, 251 #53, #56-#57 <i>Study Guide and Review</i> 292 #33

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 33–36†			
Draw conclusions based on number concepts, algebraic properties, and/or relationships between expressions and numbers	Student Edition: 5-8, 10-15, 16-21, 25-31 <i>Mid-Chapter Quiz</i> 32 <i>Practice Test</i> 67 #4-#11 <i>Quick Check</i> 73 #4-#11 <i>Spiral Review</i> 61 #31-#33 <i>Study Guide and Review</i> 63-64	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 774 <i>Example</i> 770-773 <i>Exercises</i> 281 #4 <i>Get Ready</i> 301 #6-#9 <i>H.O.T. Problems</i> 38 #46, #48, 47 #55-#57, 66 #39, 97 #16, 144 #78, 159 #32, 244 #85, 251 #70, 316, 328 #67 <i>Practice and Problem Solving</i> 31 #44, 774-775 <i>Standardized Test Practice</i> 74 #59, 288 #64
Exhibit knowledge of logarithms and geometric sequences	Student Edition: 438-442 <i>Practice Test</i> 455 #28-#30 <i>Skills Review</i> 589 #72-#77 <i>Spiral Review</i> 443 #47-#52, 450 #40-#45 <i>Study Guide and Review</i> 454 #49-#55	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: 662 <i>Check Your Understanding</i> 472, 480, 488, 495, 663 #10-#20 <i>Example</i> 468-471, 478-480, 485-487, 492-495, 502-504, 661, 662 <i>Geometric Sequence</i> 661 <i>Graphing Technology Lab</i> 476-477, 499-500 <i>H.O.T. Problems</i> 664 #58-#59 <i>Key Concept</i> 468, 485, 486, 501 <i>Logarithmic Functions and Expressions</i> 468 <i>Practice and Problem Solving</i> 472-474, 480-482, 488-490, 495-497, 664 <i>Properties of Logarithms</i> 485 <i>Standardized Test Practice</i> 665 #64

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Apply properties of complex numbers	See Glencoe <i>Algebra 2</i> © 2012.	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 250 <i>Example</i> 247-249 <i>H.O.T. Problems</i> 251 <i>Key Concept</i> 247 <i>Practice and Problem Solving</i> 250-251 <i>Pure Imaginary Numbers</i> 246 <i>Study Guide and Review</i> 292 4-4
Expressions, Equations, & Inequalities			
Score Range 13–15			
Exhibit knowledge of basic expressions (e.g., identify an expression for a total as $b + g$)	Student Edition: 5-9, 26 Example1, 28-30 <i>Mid-Chapter Quiz</i> 32 #1-#5, #11-#12, #24 <i>Practice Test</i> 67 #1-#3, #12 <i>Quick Check</i> 73 #1-#3, #11 <i>Spiral Review</i> 15 #72, 22 #68, 39 #75, 46 #50 <i>Study Guide and Review</i> 63 #8-#17, #27, 64 #36, #49	Student Edition: P10, P11-P12, 16-21, 36-44, 45, 46-54, 54 #54 & #56, 106 #53, 143 #44-#45, 188-196, 197, 254 #55 <i>Concept Summary</i> 189 <i>Construction</i> 39, 40 <i>Key Concept</i> 38, 46, 47, 48, 49, 180 <i>Mid-Chapter Quiz</i> 45, 197 <i>Study Tip</i> 37, 40, 47, 50, 189, 191	Student Edition: <i>Check Your Understanding</i> 7 <i>Example</i> 5-6 <i>H.O.T. Problems</i> 9 #43, #47 <i>Practice and Problem Solving</i> 7-9 <i>Standardized Test Practice</i> 507 #66

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve equations in the form $x + a = b$, where a and b are whole numbers or decimals	Student Edition: 84 Example 2, 86 #1, #4-#6, #20-#21, #34-#35 <i>Algebra Lab</i> 81-82 <i>Study Guide and Review</i> 140 #17, #19	Student Edition: P11-P12, 12 #63, 14-21, 25-35, 36-44, 45, 46-54, 115 #86-#87, 125 #48 <i>Key Concept</i> 15, 16, 25, 26, 27, 38, 46, 47, 48, 49 <i>Mid-Chapter Quiz</i> 45 <i>Study Tip</i> 15, 26, 27, 28, 29, 37, 39, 40, 47, 50 <i>Watch Out!</i> P12, 16, 38	Student Edition: <i>Check Your Understanding</i> 22 #3-#6, #9-#14, 30 #6-#7 <i>Example</i> 18, 20, 21, 28 <i>H.O.T. Problems</i> 31 #45 <i>Key Concept</i> 19 <i>Practice and Problem Solving</i> 22 #26-#28, 23 #35-#36, 30 #23-#26 <i>Standardized Test Practice</i> 107 #46, 507 #66 <i>Spiral Review</i> 145 #89-#94
Score Range 16–19			
Substitute whole numbers for unknown quantities to evaluate expressions	Student Edition: 11-13, 50-52 <i>Practice Test</i> 67 #6, #20 <i>Skills Review</i> 54 #70, #72-#73, #75 <i>Study Guide and Review</i> 63 #24-#26, 66 #69-#70	Student Edition: P10, 21, 64 #62-#65, 89, 98, 106, 171, 188-196, 197, 293 #55, 659 #48, 853 #48 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Quick Check</i> 89 <i>Quick Review</i> 89 <i>Study Tip</i> 189, 191	Student Edition: <i>Check Your Understanding</i> 7 #2 <i>Example</i> 5-6 <i>Get Ready</i> 59 #7-#10 <i>H.O.T. Problems</i> 9 #43 <i>Mid-Chapter Quiz</i> 26 #3 <i>Practice and Problem Solving</i> 7 #13, 8 #29 <i>Spiral Review</i> 25 #74

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve one-step equations having integer or decimal answers	Student Edition: 83-88 <i>Algebra Lab</i> 81-82 <i>Practice Test</i> 145 #3-#5 <i>Skills Review</i> 117 #67-#70, 124 #68, 138 #42, 290 #74-#81 <i>Study Guide and Review</i> 140 #16-#24	Student Edition: P11-P12, 12 #63, 16-21, 115 #85-#87, 171, 178 #61-#63, 188-196, 197 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 189, 191	Student Edition: <i>Check Your Understanding</i> 7-9 <i>Example</i> 5-6, 13, 20, 27 <i>H.O.T. Problems</i> 9 <i>Practice and Problem Solving</i> 7, 23 #35-#42, #53-#58
Combine like terms (e.g., $2x + 5x$)	Student Edition: 27-30, 465-470, 472-475, 480-484 <i>Algebra Lab</i> 463-464 <i>Mid-Chapter Quiz</i> 492 #8-#13, #20-#26 <i>Practice Test</i> 535 #1-#8 <i>Spiral Review</i> 485 #55-#62, 491 #66-#77 <i>Study Guide and Review</i> 531 #15-#18, #23-#27	Student Edition: 3 #14-#15, 16-21, 44, 89, 159 #38, 171, 188-196, 197, 205 #63, 254 #54, 309 #41, 681 #45, 730 #52 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 189, 191	Student Edition: <i>Check Your Understanding</i> 14 #17, 250 #11-#16 <i>Example</i> 13, 248, 249 <i>H.O.T. Problems</i> 16 #54-#55 <i>Practice and Problem Solving</i> 15 #37-#42, #46-349, 251 #48-#59 <i>Skills Review</i> 178 <i>Spiral Review</i> 25 #71 <i>Standardized Test Practice</i> 107 #46, 309 #70 <i>Mid-Chapter Quiz</i> 26 #11

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 20–23			
Evaluate algebraic expressions by substituting integers for unknown quantities	Student Edition: 11-13, 50-52 <i>Practice Test</i> 67 #6, #20 <i>Skills Review</i> 54 #70-#75 <i>Study Guide and Review</i> 63 #24-#26, 66 #68-#71	Student Edition: P10, 21, 64 #62-#65, 89, 98, 106, 171, 188-196, 197, 293 #55, 659 #48, 853 #48 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Quick Check</i> 89 <i>Quick Review</i> 89 <i>Study Tip</i> 189, 191	Student Edition: <i>Check Your Understanding</i> 7 #2, 30 #1-#4 <i>Example</i> 5-6, 27 <i>H.O.T. Problems</i> 9 #43 <i>Mid-Chapter Quiz</i> 26 #3 <i>Practice and Problem Solving</i> 7 #13, 8 #29, 30 #14-#21, #36-#38 <i>Skills Review</i> 262 <i>Spiral Review</i> 25 #74
Add and subtract simple algebraic expressions	Student Edition: 465-470 <i>Algebra Lab</i> 463-464 <i>Mid-Chapter Quiz</i> 492 #8-#13 <i>Practice Test</i> 535 #1-#2 <i>Spiral Review</i> 485 #55-#62 <i>Study Guide and Review</i> 531 #15-#18	Student Edition: 16-21, 44, 159 #38, 171, 188-196, 197, 205 #63, 254 #54, 309 #41, 730 #52 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 189, 191	Student Edition: <i>Check Your Understanding</i> 22 #9-#20, 30 #6-#13 <i>Example</i> 20-21, 28-29 <i>Mid-Chapter Quiz</i> 26 #18 <i>Practice and Problem Solving</i> 23 #35-#42, 30 #23-#34 <i>Practice Test</i> 53 #3 <i>Spiral Review</i> 309 #74-#76 <i>Standardized Test Example</i> 54 <i>Study Guide and Review</i> 51 1-3

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve routine first-degree equations	Student Edition: 163-167 <i>Mid-Chapter Quiz</i> 181 #9-#16 <i>Practice Test</i> 207 #6-#9 <i>Spiral Review</i> 188 #56-#61, 195 #46-#48 <i>Study Guide and Review</i> 204 #18-#26	Student Edition: P11-P12, 12 #63, 16-21, 35, 44, 106 #58-#63, 115, 125 #48, 171, 188-196, 197 <i>Concept Summary</i> 189 <i>Key Concept</i> 188 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 189, 191 <i>Watch Out!</i> P12	Student Edition: <i>Check Your Understanding</i> 71 <i>Example</i> 70 <i>Exercises</i> 75 #6 <i>Practice and Problem Solving</i> 72 #25, #41-#43, 73 #50 <i>Preparing for Standardized Tests</i> 213 <i>Spiral Review</i> 48 #67-#68 <i>Standardized Test Practice</i> 17 #62, 74 #58, 89 #43
Perform straightforward word-to-symbol translations	Student Edition: 6-8, 12 Example 5, 12 #13-#14, 13 #36-#37, #55, 75-79 <i>Mid-Chapter Quiz</i> 110 #1-#3 <i>Practice Test</i> 67 #1-#3, 145 #1-#2 <i>Quick Check</i> 73 #1-#3 <i>Skills Review</i> 109 #72-#75 <i>Spiral Review</i> 89 #83-#85, 102 #66-#68, 109 #69-#70 <i>Standardized Test Practice</i> 9 #45 <i>Study Guide and Review</i> 63 #11-#13, #17, #27, 140 #9-#11	Student Edition: 16-21, 25-35, 171 #12, 188-196, 197, 198-205, 206, 224, 227, 229, 282 #28 <i>Concept Summary</i> 189 <i>Geometry Lab</i> 206 <i>Key Concept</i> 25, 26, 27, 188, 198, 200 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 26, 27, 28, 189, 191, 199	Student Edition: <i>Check Your Understanding</i> 22 #3-#6 <i>Example</i> 18 <i>H.O.T. Problems</i> 31 #51, 81 #38, #40, 166 #29, 244 #86, 391 #63 <i>Interval Notation</i> 40 <i>Key Concept</i> 34 <i>Mid-Chapter Quiz</i> 26 #15 <i>Practice and Problem Solving</i> 22 #22-#28, 37 #23-#26, 46 #41-#43

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Multiply two binomials*	Student Edition: 480-484, 486-490 <i>Algebra Lab</i> 478-479 <i>Mid-Chapter Quiz</i> 492 #21-#25, #28-#33 <i>Practice Test</i> 535 #3, #5, #7-#8 <i>Skills Review</i> 521 #82-#87 <i>Spiral Review</i> 491 #66-#71 <i>Standardized Test Practice</i> 485 #50, 491 #63 <i>Study Guide and Review</i> 531 #23-#27, 532 #28-#34	Student Edition: 730 #52, 824, #33, 902 #36	The following examples include both the multiplication of binomials and polynomials. Student Edition: <i>Check Your Understanding</i> 307 #13-#14 <i>Example</i> 306, 354 <i>Exercises</i> 351 <i>Graphing Technology Lab</i> 350-351 <i>Key Concept</i> 352 <i>Practice and Problem Solving</i> 307 #31-#33, #38-#39, 308 #45-#46, #56-#60, #64 <i>Preparing for Standardized Tests</i> 379 <i>Standardized Test Practice</i> 357 #44
Score Range 24–27			
Solve real-world problems using first-degree equations	Student Edition: 165 Example 3, 166 #22-#23, #36-#37, 167 #44 <i>Mid-Chapter Quiz</i> 181 #16 <i>Study Guide and Review</i> 204 #26	Student Edition: 16-21, 171, 188-196, 197	Student Edition: <i>Check Your Understanding</i> 71, 165 #7 <i>Example</i> 70, 103, 156, 164 <i>Exercises</i> 75 #6 <i>Get Ready</i> 133 #7 <i>Mid-Chapter Quiz</i> 91 #24-#25 <i>Practice and Problem Solving</i> 72 #25, #41-#43, 73 #50, 158 #23-#26, 159, 165 #20-#21, 166 <i>Spiral Review</i> 48 #67-#68, 167 #38, 204 #53, 252 #83 <i>Standardized Test Practice</i> 17 #62, 74 #58, 89 #43 <i>Study Guide and Review</i> 124 #41

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Write expressions, equations, or inequalities with a single variable for common pre-algebra settings (e.g., rate and distance problems and problems that can be solved by using proportions)	Student Edition: 113-116, 119-123 <i>Practice Test</i> 145 #17-#20 <i>Spiral Review</i> 124 #54 <i>Study Guide and Review</i> 142 #60, 143 #61-#63, #70	Student Edition: 16-21, 25-35, 171 #12, 188-196, 197, 198-205, 206, 224, 227, 229, 282 #28 <i>Concept Summary</i> 189 <i>Geometry Lab</i> 206 <i>Key Concept</i> 25, 26, 27, 188, 198, 200 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 26, 27, 28, 189, 191, 199	Student Edition: <i>Algebra Lab</i> 68, 281 <i>Check Your Understanding</i> 45 #11 <i>Example</i> 21, 44, 70 <i>Exercises</i> 90 #1 <i>Get Ready</i> 217 #7 <i>Practice and Problem Solving</i> 14 #36, 15 #43-#45, #50, 16 #52, 22 #29, 23 #34, #44, #59, 45 #22, 46 #32, #44, #51, 47 #52, 88 #33-#36, 158 #25, 336 #41, 465 #31 <i>Spiral Review</i> 25 #73, 145 #85 <i>Study Guide and Review</i> 50 #24, 52 <i>Standardized Test Practice</i> 130 #3, #6, 298 #1
Identify solutions to simple quadratic equations	Student Edition: 496 Example 4, 497 #9-#12, 498 #39-#44, 503-508, 510-514, 515 Example 4, 520 #48-#55, 525 Example 4, 526 #7-#10, 527 #34-#43 <i>Practice Test</i> 535 #11-#12, #17-#19, #29-#32 <i>Spiral Review</i> 515 #55-#60, 521 #71-#73, 529 #71-#76 <i>Standardized Test Practice</i> 515 #47 <i>Study Guide and Review</i> 532 #41-#44, 533 #50-#54, #60-#63, 534 #69-#72, #80-#83	Student Edition: 134 #51, 293 #52, 332 #55, 545 #46, 757-763, 764-765, 770, 834 #33, 902 #36 <i>Geometry Lab</i> 764-765 <i>Key Concept</i> 757 <i>Real-World Link</i> 759 <i>Study Tip</i> 758, 759	Student Edition: <i>Check Your Understanding</i> 233, 242, 260 <i>Example</i> 230-231, 239-240, 256-257 <i>Exercises</i> 237 <i>Graphing Technology Lab</i> 237 <i>Practice and Problem Solving</i> 233-235, 243, 260 <i>Solve Quadratic Equations</i> 229 <i>Study Guide and Review</i> 291-294

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Add, subtract, and multiply polynomials*	<p>Student Edition: 465-470, 472-476, 480-484, 486-490</p> <p><i>Algebra Lab</i> 463-464, 478-479</p> <p><i>Mid-Chapter Quiz</i> 492 #8-#33</p> <p><i>Skills Review</i> 500 #81-#86</p> <p><i>Spiral Review</i> 477 #55-#60, 485 #55-#62, 491 #66-#77</p> <p><i>Standardized Test Practice</i> 471 #66-#67, 477 #53, 485 #50, 491 #63</p> <p><i>Study Guide and Review</i> 531 #15-#27, 532 #28-#34</p>	<p>Student Edition: 21 #45, 159 #38, 205 #63, 309 #41, 681 #45, 730 352</p>	<p>Student Edition: <i>Check Your Understanding</i> 307 #9-#14, 315, 346</p> <p><i>Example</i> 305-306, 311-314, 342, 344-345, 354</p> <p><i>Graphing Technology Lab</i> 318-319, 341, 350-351</p> <p><i>H.O.T. Problems</i> 348 #80, 356 #37-#38</p> <p><i>Practice and Problem Solving</i> 307 #28-#40, 308 #52- #60, 315-316, 346-348</p> <p><i>Spiral Review</i> 317 #53-#58</p>
Factor simple quadratics (e.g., the difference of squares and perfect square trinomials)*	<p>Student Edition: 494-499, 503-508, 516-520, 522-528</p> <p><i>Algebra Lab</i> 493, 501-502</p> <p><i>Practice Test</i> 535 #13-#16, #21-#28</p> <p><i>Quick Check</i> 541 #8-#15</p> <p><i>Spiral Review</i> 509 #54-#59, 529 #65-#70</p> <p><i>Study Guide and Review</i> 532 #35-#40, 533 #46-#49, 534 #65-#68, #74-#79</p>	<p>Student Edition: 263 #46, 739 #42, 763 #52, 824 #31 & #33, 879 #44, 937 #41</p>	<p>Student Edition: <i>Check Your Understanding</i> 242</p> <p><i>Example</i> P7-P8, 239-241</p> <p><i>Exercises</i> P8</p> <p><i>Get Ready</i> 317 #9-#14, Example 2</p> <p><i>H.O.T. Problems</i> 244</p> <p><i>Practice and Problem Solving</i> 242-244</p> <p><i>Spiral Review</i> 17 #70-#75</p> <p><i>Standardized Test Practice</i> 309 #72, 337 #54</p> <p><i>Study Guide and Review</i> 292 4-3</p>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve first-degree inequalities that do not require reversing the inequality sign*	Student Edition: 285-289, 293 Example 1, 294 Example 3a, 294 Guided Practice 3A, 295 #1-#2, #5-#6, #10-#13, #18, #21-#22, #27, #30-#34, 299 Example 4, 300 Example 5, 300 #1-#4, #7, #9, 301 #12-#15, #21-#26 <i>Mid-Chapter Quiz</i> 304 #1-#11, #13-#14, #16-#20, #23, #25-#27 <i>Practice Test</i> 327 #1-#5, #8-#9 <i>Spiral Review</i> 303 #64-#65, #68 <i>Study Guide and Review</i> 325 #11-#20, #23-#26, #28-#30	Student Edition: P13-P14, 344-351, 355-362, 363, 364-370, 371-380, 382-384, 385, 388 <i>Graphing Technology Lab</i> 362 <i>Reading Math</i> 365 <i>Study Tip</i> 358, 372 <i>Test-Taking Tip</i> 365 <i>Watch Out!</i> P14, 345, 346, 357	Student Edition: <i>Check Your Understanding</i> 36, 45 <i>Example</i> 34, 36, 41-44 <i>H.O.T. Problems</i> 38 #44-#45 <i>Practice and Problem Solving</i> 37-38, 45-46 <i>Skills Review</i> 145 <i>Standardized Test Practice</i> 25 #67 <i>Study Guide and Review</i> 52

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 28–32*			
Manipulate expressions and equations	Student Edition: 10-14, 17-21, 25-30, 33-38, 83-88, 91-95, 97-101, 111-116 <i>Algebra Lab</i> 81-82, 90 <i>Mid-Chapter Quiz</i> 32 #5-#25, 110 #5-#21 <i>Practice Test</i> 67 #4-#15, 145 #3-#11, #15-#16 <i>Quick Check</i> 73 #4-#11 <i>Skills Review</i> 15 #77-#82, 31 #72-#77 <i>Study Guide and Review</i> 63 #18-#27, 64, 65 #50-#58, 140 #16-#24, 141, 142 #57-#60	Student Edition: P10, P11-P12, 16-21, 89, 171 #12, 188-196, 197, 198-205, 206, 533, 547-555 <i>Concept Summary</i> 189 <i>Geometry Lab</i> 206 <i>Key Concept</i> 188, 198, 200, 548 <i>Mid-Chapter Quiz</i> 197 <i>Problem-Solving Tip</i> 201 <i>Reading Math</i> 201, 549 <i>Study Tip</i> 189, 191, 199, 548 <i>Watch Out!</i> P12, 199	Student Edition: <i>Check Your Understanding</i> 307 #1-#4, #9-#14 <i>Example</i> 21, 27, 28, 93, 223, 304, 368, 532, 557, 563, 706 <i>Graphing Technology Lab</i> 108, 436-437 <i>H.O.T. Problems</i> 9 #44, 16 #54, 536 #59 <i>Practice and Problem Solving</i> 474 #59 <i>Standardized Test Practice</i> 491 #70, 498 #75

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Write expressions, equations, and inequalities for common algebra settings	<p>Student Edition: 5-8, 26 Example 1, 28 Example 5, 29 #1, #9-#12, #38-#39, 35 Example 5, 36 #10, 37 #35-#36, 75-79, 92-95, 287 Example 4, 288 #9-#11, #30-#36, 295 #1, #10-#11, #30-#34, 301 #22-#28, #35-#36, 309 #28-#36</p> <p><i>Mid-Chapter Quiz</i> 110 #1-#4, #13-#16, #25, 304 #5-#8, #18, #25-#26</p> <p><i>Practice Test</i> 67 #1-#3, #12, #15</p> <p><i>Skills Review</i> 109 #72-#75</p> <p><i>Spiral Review</i> 109 #69-#70</p> <p><i>Study Guide and Review</i> 63 #17, #27</p>	<p>Student Edition: 16-21, 25-35, 171 #12, 188-196, 197, 198-205, 206, 224, 227, 229, 282 #28, 344-351, 355-362, 363, 364-370, 371-380</p> <p><i>Concept Summary</i> 189</p> <p><i>Geometry Lab</i> 206</p> <p><i>Graphing Technology Lab</i> 362</p> <p><i>Key Concept</i> 25, 26, 27, 188, 198, 200</p> <p><i>Mid-Chapter Quiz</i> 197</p> <p><i>Study Tip</i> 26, 27, 28, 189, 191, 199, 358, 372</p> <p><i>Test-Taking Tip</i> 365</p> <p><i>Watch Out!</i> 345, 346, 357</p>	<p>Student Edition: <i>Example</i> 93, 118, 147, 223, 548, 565</p> <p><i>Spiral Review</i> 498 #86</p> <p><i>Practice and Problem Solving</i> 72 #41, #43, 88, 149 #16-#17, 536 #57, 567 #44</p> <p><i>Study Guide and Review</i> 52 #43, #53</p> <p><i>Standardized Test Practice</i> 130 #6, 131 #11</p>
Solve linear inequalities that require reversing the inequality sign	<p>Student Edition: 292-296, 298-302, 308 Example 3, 308 #13-#15, 309 #26-#27, 312-315</p> <p><i>Mid-Chapter Quiz</i> 304 #12, #15, #22, #24</p> <p><i>Practice Test</i> 327 #6-#7, #18-#21</p> <p><i>Spiral Review</i> 303 #66-#67, #69</p> <p><i>Study Guide and Review</i> 325 #21-#22, #27, 326 #35-#44</p>	<p>Student Edition: P13-P14, 344-351, 355-362, 363, 364-370, 371-380, 382-384, 385, 388</p> <p><i>Graphing Technology Lab</i> 362</p> <p><i>Reading Math</i> 365</p> <p><i>Study Tip</i> 358, 372</p> <p><i>Test-Taking Tip</i> 365</p> <p><i>Watch Out!</i> P14, 345, 346, 357</p>	<p>Student Edition: <i>Check Your Understanding</i> 36, 45</p> <p><i>Example</i> 35, 44</p> <p><i>H.O.T. Problems</i> 38 #49, 47 #53</p> <p><i>Practice and Problem Solving</i> 37-38, 45-46</p> <p><i>Study Guide and Review</i> 52</p>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve absolute value equations	Student Edition: 103-108 <i>Mid-Chapter Quiz</i> 110 #24-#25 <i>Practice Test</i> 145 #13-#14 <i>Quick Check</i> 283 #13-#14 <i>Spiral Review</i> 117 #55-#58, 297 #60-#62 <i>Study Guide and Review</i> 142 #51-#54	Student Edition: P10, 25	Student Edition: <i>Absolute Value Expressions</i> 27 <i>Check Your Understanding</i> 30 <i>Example</i> 27-29, 104 <i>H.O.T. Problems</i> 31 <i>Key Concept</i> 103 <i>Practice and Problem Solving</i> 30-31, 105 #31 <i>Skills Review</i> 98 <i>Spiral Review</i> 48 #69-#71 <i>Standardized Test Practice</i> 74 #58 <i>Study Guide and Review</i> 51 #34-#37
Solve quadratic equations	Student Edition: 496-499, 506-508, 512-514, 518 Example 4, 520, 524-527, 555-559, 575-577, 583-588 <i>Practice Test</i> 535 #17-#19, #29-#32, 611 #6-#7, #12-#14, #15-#17 <i>Spiral Review</i> 515 #55-#60, 521 #71-#73, 529 #71-#76, 560 #57-#62, 571 #45-#50 <i>Study Guide and Review</i> 532 #41-#44, 533 #50-#55, #60-#63, 534 #69-#72, #80-#83, 608 #16-#22, 609 #31-#37, 610 #38-#44	Student Edition: 134 #51, 293 #52, 332 #55, 545 #46, 757-763, 764-765, 770, 834 #33, 902 #36 <i>Geometry Lab</i> 764-765 <i>Key Concept</i> 757 <i>Real-World Link</i> 759 <i>Study Tip</i> 758, 759	Student Edition: <i>Check Your Understanding</i> 224 #11, 233, 242, 260, 269 <i>Example</i> 223, 230-232, 239-241, 256-259, 265-268 <i>Exercises</i> 237 <i>Graphing Technology Lab</i> 237, 263 <i>H.O.T. Problems</i> 235, 244, 261 #60 <i>Practice and Problem Solving</i> 224 #32, 225 #41-#42, 226 #59-#60, 233-235, 242-244, 250 #36-#41, 260-261, 270-271 <i>Quadratic Formula</i> 264 <i>Solve Quadratic Equations</i> 229 <i>Study Guide and Review</i> 291-294

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	Algebra 1	Geometry	Algebra 2
Find solutions to systems of linear equations	Student Edition: 335-340, 344-348, 350-355, 357-361, 364-368 <i>Algebra Lab</i> 370-371 <i>Graphing Technology Lab</i> 342-343 <i>Mid-Chapter Quiz</i> 363 #3-#20 <i>Practice Test</i> 383 #1-#19 <i>Spiral Review</i> 349 #36-#39, 356 #44-#49, 362 #38-#44, 369 #31-#33, 376 #49-#51, 429 #60-#62 <i>Standardized Test Practice</i> 362 #34, 369 #27 <i>Study Guide and Review</i> 379-381	Student Edition: P17-P18, P21, 272 #37, 309 #39, 587 #30 <i>Study Tip</i> P18	Student Edition: <i>Check Your Understanding</i> 141, 149, 157, 165 <i>Concept Summary</i> 140 <i>Example</i> 136-140, 146-148, 155-156, 162-164 <i>Graphing Technology Lab</i> 135, 153 <i>H.O.T. Problems</i> 144 <i>Key Concept</i> 154 <i>Practice and Problem Solving</i> 142-144, 149-151, 157-159, 165-166 <i>Skills Review</i> 167 <i>Solve Systems Algebraically</i> 138 <i>Solve Systems Graphically</i> 136 <i>Spiral Review</i> 160 #38-#40, 178 #41-#47, 186 #58-#60, 227 #76 <i>Standardized Test Practice</i> 160 #34, 167, 178 #37-#39, 299 #15

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 33–36†			
Write expressions that require planning and/or manipulating to accurately model a situation	Student Edition: 6 Example 3, 7 #10, #30, 8 #35-#37, 12-14, 37 #61 <i>Extra Practice R1 #5, #11</i> <i>Practice Test 67 #12</i> <i>Study Guide and Review 63 #17, #27</i>	Student Edition: 16-21, 25-35, 171 #12, 188-196, 197, 198-205, 206, 224, 227, 229, 282 #28, 344-351, 355-362, 363, 364-370, 371-380 <i>Concept Summary 189</i> <i>Geometry Lab 206</i> <i>Graphing Technology Lab 362</i> <i>Key Concept 25, 26, 27, 188, 198, 200</i> <i>Mid-Chapter Quiz 197</i> <i>Study Tip 26, 27, 28, 189, 191, 199, 358, 372</i> <i>Test-Taking Tip 365</i> <i>Watch Out! 345, 346, 357</i>	Student Edition: <i>Check Your Understanding 95, 119 #5</i> <i>Example 93-95, 118, 504</i> <i>Get Ready 217 #8</i> <i>Graphing Technology Lab 22, 289</i> <i>Mid-Chapter Quiz 91 #24-#25</i> <i>Practice and Problem Solving 88 #33-#36, 96-97, 119 #14, #21, 158 #25, 336 #41</i> <i>Why? 256</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Write equations and inequalities that require planning, manipulating, and/or solving	<p>Student Edition: 35 Example 5, 36 #10, 37 #35-#36, 38 #62-#63, 76 Example 2, 78 #9-#10, #24-#25, 79 #44-#46, 87 #62, 88 #70-#71, 95 #51-#52, 113-116, 132-137, 287 Example 4, 288 #4, #34-#36, 289 #37-#40, 295 #10-#11, #30-#34, 301 #35-#36, #39-#40</p> <p><i>Practice Test</i> 67 #15</p> <p><i>Spiral Review</i> 54 #63</p> <p><i>Study Guide and Review</i> 65 #58, 141 #45-#46, 144, 325 #17, #24, #30</p>	<p>Student Edition: 16-21, 25-35, 171 #12, 188-196, 197, 198-205, 206, 224, 227, 229, 282 #28, 344-351, 355-362, 363, 364-370, 371-380</p> <p><i>Concept Summary</i> 189</p> <p><i>Geometry Lab</i> 206</p> <p><i>Graphing Technology Lab</i> 362</p> <p><i>Key Concept</i> 25, 26, 27, 188, 198, 200</p> <p><i>Mid-Chapter Quiz</i> 197</p> <p><i>Study Tip</i> 26, 27, 28, 189, 191, 199, 358, 372</p> <p><i>Test-Taking Tip</i> 365</p> <p><i>Watch Out!</i> 345, 346, 357</p>	<p>Student Edition: <i>Check Your Understanding</i> 119 #5</p> <p><i>Example</i> 21, 118</p> <p><i>Practice and Problem Solving</i> 14 #36, 15 #45, 33 #29, 23 #34, #43-#44, #52, #59, 24 #60, 119 #14, #21, 120 #28-#29</p> <p><i>Spiral Review</i> 498 #86</p> <p><i>Study Guide and Review</i> 51 #29, 52 #43, #53</p> <p><i>Study Guide and Review</i> 52 #43, #53</p>
Solve simple absolute value inequalities	<p>Student Edition: 312-315</p> <p><i>Extra Practice</i> R5 #17-#18</p> <p><i>Practice Test</i> 327 #18-#21</p> <p><i>Spiral Review</i> 322 #55-#57, 362 #45-#48</p> <p><i>Study Guide and Review</i> 326 #35-#44</p>	See Glencoe <i>Algebra 1</i> © 2012 and <i>Algebra 2</i> © 2012.	<p>Student Edition: <i>Check Your Understanding</i> 45 #5-#10</p> <p><i>Example</i> 43-44, 118</p> <p><i>Practice and Problem Solving</i> 45 #16-#21, 46 #35-#40</p> <p><i>Spiral Review</i> 67 #48</p> <p><i>Study Guide and Review</i> 52 #48-#52</p>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Graphical Representations			
Score Range 13–15			
Identify the location of a point with a positive coordinate on the number line	Student Edition: P8-P10, P43-P46, 286-288, 294-295, 299-301 <i>Posttest P48 #70</i> <i>Practice Test 327 #1, #4, #8, #10</i> <i>Pretest P4 #58</i> <i>Study Guide and Review 325 #1, #16-#18, #20-#21, #25-#26, #28</i>	Student Edition: 7, 25-35, 45, 932 <i>Construction 30</i> <i>Mid-Chapter Quiz 45</i> <i>Study Tip 26, 27, 28, 29</i>	Student Edition: <i>Example 34-35</i> <i>Get Ready 59 #1-#3</i> <i>Key Concept 27</i> <i>Practice and Problem Solving 16 #51</i> <i>Standardized Test Practice 236 #58</i>
Score Range 16–19			
Locate points on the number line and in the first quadrant	Student Edition: P8-P10, P43-P46, 40-45, 47-49, 51 #9, 52 #26 <i>Posttest P48 #70</i> <i>Pretest P4 #58</i> <i>Skills Review 195 #50</i> <i>Study Guide and Review 65 #59</i>	Student Edition: P15-P16, P21, 3, 7, 25-35, 187, 188-196, 197 #17-#19, 198-205, 216-224, 227, 602-606, 624-631, 632-638, 639, 640-646, 647-648, 649, 651-659, 676-681, 685-688 <i>Geometry Lab 639, 647-648</i> <i>Graphing Technology Lab 187</i> <i>Key Concept 676</i> <i>Study Tip 26, 27, 28, 29, 624, 625</i>	Student Edition: <i>Example 34-35</i> <i>Get Ready 59 #1-#3</i> <i>Key Concept 27</i> <i>Practice and Problem Solving 195 #49</i> <i>Standardized Test Practice 25 #69</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 20–23			
Locate points in the coordinate plane	Student Edition: 40-43, 48-52, 191-193, 197-200, 248-252, 424-427, 543 Example 1, 549 #1-#4, 550 #22-#27 <i>Quick Check</i> 151 #1-#12, 213 #11-#16, 333 #1-#6 <i>Skills Review</i> 195 #50-#55, 436 #42-#44 <i>Study Guide and Review</i> 65 #59-#61, 206 #45, 253 #42-#43, 453 #42-#46	Student Edition: P15-P16, P21, 3, 7, 25-35, 187, 188-196, 197 #17-#19, 198-205, 216-224, 227, 602-606, 624-631, 632-638, 639, 640-646, 647-648, 649, 651-659, 676-681, 685-688, 757-763, 764-765, 775 #13 <i>Geometry Lab</i> 639, 647-648, 764-765 <i>Graphing Technology Lab</i> 187 <i>Key Concept</i> 676 <i>Study Tip</i> 26, 27, 28, 29, 624, 625, 758, 759	Student Edition: <i>Check Your Understanding</i> 64 #4 <i>Example</i> 63 <i>Exercises</i> 68 #2 <i>Practice and Problem Solving</i> 65 #23, 195 #49 <i>Standardized Test Practice</i> 17 #64, 32 #55, 186 #53, 215 #11
Comprehend the concept of length on the number line*	Lengths of horizontal or vertical segments are found. Student Edition: 651 #32-#33 <i>Algebra Lab</i> 654, 655	Student Edition: 14-21, 22-24, 25-35, 44, 45, 80, 83 <i>Construction</i> 17, 30 <i>Extension Lesson</i> 22-24 <i>Key Concept</i> 15, 16, 25, 26, 27 <i>Mid-Chapter Quiz</i> 45 <i>New Vocabulary</i> 14, 25 <i>Study Tip</i> 15, 22, 23, 26, 27, 28, 29	Student Edition: <i>Algebra Lab</i> 40 <i>Example</i> 43 <i>Exercises</i> 40 #10 <i>H.O.T. Problems</i> 16 #58-#60, 47 #59 <i>Key Concept</i> 27, 33, 41 <i>Study Guide and Review</i> 52 Example 9

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Exhibit knowledge of slope*	Student Edition: 172-179, 182-186, 216-222, 226-321, 239-224 <i>Graphing Technology Lab</i> 215, 224-225 <i>Mid-Chapter Quiz</i> 181 #18-#24, 246 #1-#10, #21-#25 <i>Skills Review</i> 223 #80-#83, 232 #72-#77, 529 #80-#85 <i>Spiral Review</i> 238 #59-#64 <i>Study Guide and Review</i> 205 #27-#31	Student Edition: 187, 188-196, 197, 198-205, 206, 216-224, 226-228, 229, 232 #3, 233 #9 <i>Concept Summary</i> 189 <i>Construction</i> 222 <i>Geometry Lab</i> 206 <i>Graphing Technology Lab</i> 187 <i>Key Concept</i> 188, 198, 200, 218 <i>Study Tip</i> 189, 191, 199, 216, 217, 218, 219	Student Edition: <i>Algebra Lab</i> 281 <i>Check Your Understanding</i> 79 #4-#6, 86 <i>Example</i> 78, 84-85, 93 <i>Exercises</i> 129 #2 <i>Forms of Equations</i> 83 <i>H.O.T. Problems</i> 88 <i>Key Concept</i> 78, 83 <i>Practice and Problem Solving</i> 80 #12-#17, #22, 81 #29, #31-#34, 87-88, 106 #39 <i>Skills Review</i> 89 #60-#65 <i>Slope</i> 77 <i>Spiral Review</i> 160 #42-#43 <i>Study Guide and Review</i> 124
Score Range 24–27			
Identify the graph of a linear inequality on the number line*	Student Edition: 286-289, 293-296, 298-301, 306-309, 312-315 <i>Mid-Chapter Quiz</i> 304 #1-#4 <i>Practice Test</i> 327 #1-#2, #4-#10, #12-#14, #18-#21 <i>Study Guide and Review</i> 325 #11-#16, #18-#23, #25-#28, 326 #31-#33, #35-#44		Student Edition: <i>Check Your Understanding</i> 36 #1-#8, 45 #1-#10 <i>Example</i> 34-35, 41-44 <i>Practice and Problem Solving</i> 37 #10-#21, #28-#36, 45 #12-#21, #23-#30, 46 #33-#40, #44-#50 <i>Study Guide and Review</i> 52

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Determine the slope of a line from points or equations*	Student Edition: 174-179, 216-222, 227-231, 240-244, 248-252 <i>Mid-Chapter Quiz</i> 181 #17-#21, #23, 246 #1-#4, #21-#25 <i>Practice Test</i> 207 #10-#14, 277 #1, #5-#14, #16 <i>Skills Review</i> 223 #80-#83, 529 #80-#85 <i>Spiral Review</i> 195 #43-#45, 232 #57-#62, 238 #59-#64, 290 #65-#68, 322 #61-#63 <i>Study Guide and Review</i> 205 #27-#31, 273 #14-#17, #23-#26, 247 #39-#46, 275 #48	Student Edition: 187, 188-196, 197, 198-205, 206, 216-224, 226-228, 229, 232 #3, 233 #9 <i>Concept Summary</i> 189 <i>Construction</i> 222 <i>Geometry Lab</i> 206 <i>Graphing Technology Lab</i> 187 <i>Key Concept</i> 188, 198, 200, 218 <i>Study Tip</i> 189, 191, 199, 216, 217, 218, 219	Student Edition: <i>Check Your Understanding</i> 79 #4-#6, 86 #6-#7 <i>Example</i> 78 <i>Exercises</i> 129 #2 <i>Graphing Technology Lab</i> 108 <i>Mid-Chapter Quiz</i> 91 #15-#18 <i>Skills Review</i> 89 <i>Spiral Review</i> 160 #42-#43 <i>Practice and Problem Solving</i> 80 #12-#17, 81 #35, 87 #17-#26
Match linear graphs with their equations*	Student Edition: 218 Example 4 <i>Standardized Test Practice</i> 232 #53, 369 #30, 458 #6	Student Edition: 196 #58, 205 #60-#61, 388 #5 <i>Standardized Test Practice</i> 196, 205, 388	Student Edition: <i>Algebra Lab</i> 75 <i>Check Your Understanding</i> 64 #5-#8, 95 <i>Example</i> 63, 71, 93 <i>Get Ready</i> 133 #1-#6 <i>Graphing Technology Lab</i> 90, 108 <i>Practice and Problem Solving</i> 65 #15-#20, #23, 66 #33, 72 #35-#40, 73 #51, 96-97, 114 #39 <i>Spiral Review</i> 98 #21-#23 <i>Study Guide and Review</i> 125 #42-#43 <i>Why?</i> 69

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Find the midpoint of a line segment*	Student Edition: 652 #45 <i>Algebra Lab</i> 654	Student Edition: 27-35, 45, 54, 129, 206, 302, 304-305, 556-557 <i>Construction</i> 30 <i>Geometry Lab</i> 206, 556-557 <i>Key Concept</i> 27 <i>Problem-Solving Tip</i> 129 <i>Study Tip</i> 27, 28, 29	Student Edition: <i>Practice and Problem Solving</i> 261 #57 <i>Standardized Test Practice</i> 365 #62
Score Range 28–32*			
Interpret and use information from graphs in the coordinate plane	Student Edition: 219 Example 5, 220 #15-#16, 221 #37, #50-#51, 222 #58-#64, 231 #50-#51, 255-261, 336-340, 548 Example 6, 549 #21, 551 #58, #63-#66, 557 Example 5, 558 #9, #28-#29, #36, 559 #37-#39, #41-#43 <i>Graphing Technology Lab</i> 224-225, 562-563 <i>Practice Test</i> 277 #9-#10, #15	Student Edition: 25-35, 197 #17-#19, 198-205, 206, 222, 224, 294-295, 296-302, 303-309, 314, 315, 325-333, 335-343, 440-445 <i>Geometry Lab</i> 206 <i>Graphing Technology Lab</i> 294-295 <i>Key Concept</i> 200, 296, 303 <i>Problem-Solving Tip</i> 201 <i>Study Tip</i> 60, 297, 298, 304 <i>Watch Out!</i> 199	Student Edition: <i>Check Your Understanding</i> 95 <i>Example</i> 93-95 <i>Graphing Technology Lab</i> 108 <i>Mid-Chapter Quiz</i> 168 #15 <i>Practice and Problem Solving</i> 65 #14, #23, 96-97, 115 #40, 195 #49 <i>Standardized Test Practice</i> 215 #11

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Match number line graphs with solution sets of linear inequalities	Student Edition: 296 #35-#38 <i>Practice Test</i> 327 #17 <i>Standardized Test Practice</i> 330 #5, 662 #56	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 36 #1-#8, 45 #1-#10 <i>Example</i> 34-35, 42-44 <i>H.O.T. Problems</i> 47 #59 <i>Key Concept</i> 41 <i>Practice and Problem Solving</i> 37 #10-#21, #28-#36, 45 #12-#21, 46 #33-#40, #45-#50 <i>Study Guide and Review</i> 52
Use the distance formula	Student Edition: <i>Algebra Lab</i> 654	Student Edition: 25-35, 44, 45, 60, 80, 83, 205 #69, 218-220, 235, 298-300, 305, 309, 319 #15, 440-441, 556-557, 602-607, 757 <i>Geometry Lab</i> 556-557 <i>Key Concept</i> 25, 26, 602 <i>Mid-Chapter Quiz</i> 45 <i>Study Tip</i> 26, 28, 29, 60, 218, 219, 602, 603	Student Edition: <i>Check Your Understanding</i> 595 #5-#8, 610 #6-#7 <i>The Distance Formula</i> 593-594 <i>Example</i> 573, 594, 608 <i>H.O.T. Problems</i> 24 #63 <i>Key Concept</i> 594, 646 <i>Practice and Problem Solving</i> 596 #16-#23, 597 #40 <i>Preparing for Standardized Tests</i> 652 <i>Spiral Review</i> 458 #55 <i>Study Guide and Review</i> 647 9-1 <i>Why?</i> 76

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Use properties of parallel and perpendicular lines to determine an equation of a line or coordinates of a point	Student Edition: 239-244 <i>Extra Practice R4 #15-#16</i> <i>Mid-Chapter Quiz 246 #21-#23</i> <i>Practice Test 277 #11-#14</i> <i>Spiral Review 290 #65-#68</i> <i>Standardized Test Practice 245 #50, 553 #75</i> <i>Study Guide and Review 274 #39-#46</i>	Student Edition: 154-157, 179, 180-186, 191-196, 197, 200, 203-205, 206, 215-224, 226-228, 229, 488-489 <i>Construction 222</i> <i>Geometry Lab 179, 206, 488-489</i> <i>Key Concept 215, 218</i> <i>Mid-Chapter Quiz 197</i> <i>Reading Math 155, 182</i> <i>Study Tip 181, 182, 191, 216, 217, 218, 219</i>	Student Edition: <i>Check Your Understanding 86 #6-#7</i> <i>Example 86</i> <i>Graphing Technology Lab 108</i> <i>H.O.T. Problems 88 #37-#38, #40</i> <i>Key Concept 85</i> <i>Parallel and Perpendicular Lines 85</i> <i>Practice and Problem Solving 87 #23-#26</i> <i>Standardized Test Practice 17 #64, 145 #82</i>
Recognize special characteristics of parabolas and circles (e.g., the vertex of a parabola and the center or radius of a circle)†	Student Edition: 543-552, 555-559, 564-570 <i>Algebra Lab 580-581</i> <i>Extra Practice R9 #1-#14</i> <i>Mid-Chapter Quiz 582 #5-#21</i> <i>Practice Test 611 #3-#11</i> <i>Spiral Review 560 #51-#56, 571 #51-#53, 579 #57-#62</i> <i>Standardized Test Practice 614 #1, 615 #8, #11</i> <i>Study Guide and Review 608, 609 #23-#30</i>	Student Edition: 696, 697-705, 757-763, 764-765, 767, 770, 772-773 <i>Geometry Lab 764-765</i> <i>Key Concept 697, 698, 699, 757</i> <i>Problem-Solving Tip 772, 773</i> <i>Reading Math 698</i> <i>Review Vocabulary 696, 698</i> <i>Study Tip 700, 758, 759</i>	Student Edition: 220 <i>Check Your Understanding 278 #4</i> <i>Concept Summary 277</i> <i>Graphing Technology Lab 273-274</i> <i>Practice and Problem Solving 279 #35-#40</i> <i>Standardized Test Practice 257 #45</i> <i>Why? 275</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 33–36†			
Match number line graphs with solution sets of simple quadratic inequalities	Quadratic inequalities are graphed on a coordinate plane. Student Edition: <i>Graphing Technology Lab</i> 561	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 285 <i>Example</i> 282-285 <i>Graph Quadratic Inequalities</i> 282 <i>H.O.T. Problems</i> 287 <i>Practice and Problem Solving</i> 286-287 <i>Solve Quadratic Inequalities</i> 283 <i>Study Guide and Review</i> 294 4-8
Identify characteristics of graphs based on a set of conditions or on a general equation such as $y = ax^2 + c$	Student Edition: 564-570 <i>Extra Practice R9 #9-#14</i> <i>Graphing Technology Lab</i> 224-225, 562-563 <i>Mid-Chapter Quiz</i> 582 #16-#22 <i>Practice Test</i> 611 #8-#11 <i>Spiral Review</i> 579 #57-#62, 589 #66-#68 <i>Study Guide and Review</i> 609 #23-#29	Student Edition: 198-205, 294-295, 309, 314, 318 #2, 623-631, 632-638, 639, 640-646, 649, 650, 651-659 <i>Concept Summary</i> 654 <i>Geometry Lab</i> 639 <i>Graphing Technology Lab</i> 294-295 <i>Key Concept</i> 198, 632, 633, 640, 641, 651 <i>Mid-Chapter Quiz</i> 649 <i>Study Tip</i> 199, 624, 625, 626, 641, 642, 652 <i>Test-Taking Tip</i> 642	Student Edition: <i>Graphing Technology Lab</i> 273-274 <i>Key Concept</i> 109, 220 <i>Mid-Chapter Quiz</i> 91 #6 <i>Practice and Problem Solving</i> 66 #34 <i>Skills Review</i> 204 <i>Standardized Test Practice</i> 741 #20 <i>Why?</i> 275

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve problems integrating multiple algebraic and/or geometric concepts	Student Edition: 56-60, 91-95, 97-101, 103-108, 197-201, 239-244, 255-261, 298-302, 306-310, 312-315, 648-652 <i>Extended Response</i> 149, 211, 331, 539, 615, 671 <i>Practice Test</i> 145 #9-#14 <i>Study Guide and Review</i> 141, 142 #47-#54, 206 #44-#45, 325 #25-#30, 326 #31-#44	Student Edition: 171, 182-186, 188-196, 198-205, 206, 216-224, 227-228, 325-333, 335-343 <i>Concept Summary</i> 189 <i>Construction</i> 222 <i>Geometry Lab</i> 206 <i>Key Concept</i> 188 <i>Study Tip</i> 182, 189, 191, 199, 216, 217, 218, 219, 327, 336, 338	Student Edition: <i>Algebra Lab</i> 254 <i>Check Your Understanding</i> 194 #17 <i>Example</i> 191 <i>H.O.T. Problems</i> 159 #29 <i>Mid-Chapter Quiz</i> 255 #16 <i>Standardized Test Practice</i> 186 #53, 197 #63, 665 #61 <i>Study Guide and Review</i> 208 Example 4
Analyze and draw conclusions based on information from graphs in the coordinate plane	Student Edition: 219 Example 5, 220 #15-#16, 221 #37, #50-#51, 222 #58-#64, 231 #50-#51, 255-261, 336-340, 548 Example 6, 549 #21, 551 #58, #63-#66, 557 Example 5, 558 #9, #28-#29, #36, 559 #37-#39, #41-#43 <i>Graphing Technology Lab</i> 224-225, 562-563 <i>Practice Test</i> 277 #9-#10, #15	Student Edition: 25-35, 197 #17-#19, 198-205, 206, 222, 224, 294-295, 296-302, 303-309, 314, 315, 325-333, 335-343, 440-445 <i>Geometry Lab</i> 206 <i>Graphing Technology Lab</i> 294-295 <i>Key Concept</i> 200, 296, 303 <i>Problem-Solving Tip</i> 201 <i>Study Tip</i> 60, 297, 298, 304 <i>Watch Out!</i> 199	Student Edition: <i>H.O.T. Problems</i> 66 #39, 159 #31 <i>Mid-Chapter Quiz</i> 168 #15 <i>Practice and Problem Solving</i> 31 #44, 38 #43, 65 #14, #23, 143 #69, 251 #65 <i>Standardized Test Practice</i> 17 #64, 215 #11

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Properties of Plane Figures			
Score Range 16–19			
Exhibit some knowledge of the angles associated with parallel lines	See Glencoe <i>Geometry</i> © 2012.	Student Edition: 173-178, 179, 180-186, 191-196, 197, 200, 205, 207-214, 226-228, 229, 488-489 <i>Construction</i> 207 <i>Geometry Lab</i> 179, 488-489 <i>Key Concept</i> 173, 174 <i>Reading Math</i> 174, 182 <i>Study Tip</i> 75, 181, 182, 191, 208, 209 <i>Watch Out!</i> 174	Student Edition: <i>Geometry Lab</i> 806 <i>Standardized Test Practice</i> 365 #63
Score Range 20–23			
Find the measure of an angle using properties of parallel lines	See Glencoe <i>Geometry</i> © 2012.	Student Edition: 179, 180-186, 191-196, 197, 200, 203, 205, 207-214, 226-228, 229, 488-489 <i>Construction</i> 207 <i>Geometry Lab</i> 179, 488-489 <i>Mid-Chapter Quiz</i> 197 <i>Study Tip</i> 181, 182, 192, 208, 209, 210	Student Edition: <i>Geometry Lab</i> 806 <i>Standardized Test Practice</i> 365 #63

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Exhibit knowledge of basic angle properties and special sums of angle measures (e.g., 90°, 180°, and 360°)	Student Edition: P42, P45 #6, 657-661 <i>Spiral Review</i> 316 #56 <i>Standardized Test Practice</i> 491 #62	Student Edition: 43, 46-54, 64, 74 #50-#52, 81, 151-152, 393-401, 402, 558, 576, 706-714 <i>Key Concept</i> 47, 48, 49, 706, 707, 709 <i>Problem-Solving Tip</i> 48 <i>Review Vocabulary</i> 152, 395, 396 <i>Spreadsheet Lab</i> 402 <i>Study Tip</i> 47, 50, 152, 394, 397, 707, 709 <i>Watch Out!</i> 709	Student Edition: P20 <i>Practice and Problem Solving</i> 46 #32, 707 #16 <i>Spiral Review</i> 349 #96 <i>Standardized Test Practice</i> 357 #47, 365 #63
Score Range 24–27			
Use several angle properties to find an unknown angle measure	Student Edition: 657-661 <i>Algebra Lab</i> 655 <i>Practice Test</i> 667 #18 <i>Spiral Review</i> 316 #56 <i>Standardized Test Practice</i> 491 #62	Student Edition: 171, 173-178, 179, 180-186, 706-714, 722, 723-730, 731, 741-749 <i>Geometry Software Lab</i> 179 <i>Key Concept</i> 174, 706, 707, 709, 745 <i>Mid-Chapter Quiz</i> 731 <i>New Vocabulary</i> 173, 706, 723 <i>Study Tip</i> 175, 181, 182, 707, 709, 725, 726, 742, 743 <i>Watch Out!</i> 174, 709	Student Edition: <i>Practice and Problem Solving</i> 46 #32 <i>Standardized Test Practice</i> 10 #52, 357 #47, 766 #29

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Recognize Pythagorean triples*	Student Edition: 649-651 <i>Study Guide and Review</i> 666 #44-#52	Student Edition: 547-549, 579 #11, 615 #20 <i>Mid-Chapter Quiz</i> 579 <i>New Vocabulary</i> 547 <i>Reading Math</i> 549 <i>Study Tip</i> 548 <i>Test-Taking Tip</i> 549	See Glencoe <i>Geometry</i> © 2012.
Use properties of isosceles triangles*	Student Edition: 37 #61 <i>Standardized Test Practice</i> 202 #20, 589 #60	Student Edition: 285-293, 302, 309 #45-#47, 313, 318 #7, 315, 316-317, 429 <i>Preparing for Standardized Tests</i> 316-317 <i>Real-World Link</i> 288 <i>Review Vocabulary</i> 286 <i>Study Tip</i> 287	Student Edition: <i>Spiral Review</i> 428 #91 <i>Standardized Test Practice</i> 252 #71, 365 #62, 435 #78
Score Range 28–32*			
Apply properties of 30°-60°-90°, 45°-45°-90°, similar, and congruent triangles	See Glencoe <i>Geometry</i> © 2012.	Student Edition: 255-263, 264-272, 273, 274, 275-282, 283-284, 303-309, 312-313, 315, 558-566, 577, 587 #38, 777, 796 #46-#47 <i>Concept Summary</i> 78 <i>Construction</i> 266, 267, 275 <i>Geometry Lab</i> 273, 283-284 <i>Key Concept</i> 255 <i>Mid-Chapter Quiz</i> 274 <i>Problem-Solving Tip</i> 561 <i>Study Tip</i> 256, 257, 266, 268, 277, 304, 559, 560	Student Edition: <i>Spiral Review</i> 89 #54-#56, 428 #91 <i>Standardized Test Practice</i> 67 #43, 145 #83, 252 #71, 272 #51, 365 #62 365 #63, 458 #39, 730 #33

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Use the Pythagorean theorem	Student Edition: 648-652, 656 Example 1 <i>Algebra Lab</i> 654 Activity <i>Practice Test</i> 667 #14-#15 <i>Preparing for Standardized Tests</i> 668-669 <i>Spiral Review</i> 662 #60-#65, 682 #64 <i>Standardized Test Practice</i> 202 #22, 303 #61, 653 #51 <i>Study Guide and Review</i> 666 #44-#52, 778 #29	Student Edition: 25-26, 142 #29, 546, 547-555, 558-559, 579, 611, 615, 616-617, 757 <i>Geometry Lab</i> 546 <i>Problem-Solving Tip</i> 616-617 <i>Study Tip</i> 26	Student Edition: <i>Example</i> P22, P23 <i>Exercises</i> P23 <i>Posttest</i> P29 #25-#26 <i>Spiral Review</i> 45 #83
Score Range 33–36†			
Draw conclusions based on a set of conditions	Student Edition: 42-45, 56-60, 184-187, 197-201, 219-222, 248-252, 257-261 <i>Practice Test</i> 67 #22, 207 #19, 277 #9-#10, #15-#16 <i>Spiral Review</i> 80 #55 <i>Standardized Test Practice</i> 188 #53 <i>Study Guide and Review</i> 66 #75, 205 #38, 206 #45, 275 #49-#50	Student Edition: 91-98, 99-106, 107-115, 116, 117-125, 126, 127-134, 136-143, 144-145, 255-263, 264-272, 273, 275-282, 283-284, 294-295, 296-302, 303-309, 312-314 <i>Concept Summary</i> 278 <i>Construction</i> 266, 267, 275 <i>Geometry Lab</i> 116, 126, 273, 283-284 <i>Graphing Technology Lab</i> 294-295 <i>Key Concept</i> 109, 110, 118, 119, 127 <i>Study Tip</i> 92, 101, 118, 119, 128, 129, 256, 257, 266, 268, 277, 297, 298, 304	Student Edition: <i>Algebra Lab</i> 99-100 <i>Exercises</i> 281 #4 <i>H.O.T. Problems</i> 47 #55-#57, 73 #54, 97 #13, 144 #78, 159 #32, 166 #24, 244 #85 <i>Practice and Problem Solving</i> 31 #44 <i>Standardized Test Practice</i> 428 #73, 515 #22

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Solve multistep geometry problems that involve integrating concepts, planning, visualization, and/or making connections with other content areas	Student Edition: P27 Example 4, P28 #18-#19, P30 #19, P32 #15-#18, 482 Example 3, 483 #7, #24, 484 #35, #43, 498 #45, 506 Example 5, 507 #11, #30-#32, 508 #37, 519 #44, 527 #46-#49, 528 #50-#52 <i>Standardized Test Practice</i> 80 #53, 96 #60, 770 #21 <i>Study Guide and Review</i> 532 #34, #45, 553 #55, #64, 534 #84	Student Edition: 171, 182-186, 188-196, 198-205, 206, 216-224, 227-228, 325-333, 335-343 <i>Concept Summary</i> 189 <i>Construction</i> 222 <i>Geometry Lab</i> 206 <i>Key Concept</i> 188 <i>Study Tip</i> 182, 189, 191, 199, 216, 217, 218, 219, 327, 336, 338	Student Edition: <i>Example</i> 112, 191 <i>Exercises</i> 379 <i>H.O.T. Problems</i> 159 #29 <i>Mid-Chapter Quiz</i> 26 #4, #19, #20, 168 #19, 255 #16 <i>Practice and Problem Solving</i> 15 #50, 37 #40, 144 #72-#73, 196 #54, 243 #65, 260 #48, 348 #73, 749 <i>Practice Test</i> 295 #15 <i>Standardized Test Practice</i> 25 #69, 48 #65, 67 #43, 82 #42, 116 #49 <i>Standardized Test Practice</i> 215 #11, 381 #10 <i>Study Guide and Review</i> 210 Example 4, 292 #29, 294 #68
Use relationships among angles, arcs, and distances in a circle	Student Edition: P24-P25	Student Edition: 706-714, 715-722, 723-730, 731, 741-749, 750-756, 798-804, 805 <i>Construction</i> 718 <i>Geometry Lab</i> 740 <i>Key Concept</i> 706, 707, 709, 745, 798, 799 <i>Mid-Chapter Quiz</i> 731, 805 <i>New Vocabulary</i> 706, 723 <i>Study Tip</i> 707, 709, 716, 717, 725, 726, 742, 747 <i>Watch Out!</i> 709	Student Edition: <i>Standardized Test Practice</i> 272 #51

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Measurement			
Score Range 13–15			
Estimate or calculate the length of a line segment based on other lengths given on a geometric figure	Student Edition: 648-652, 656-661 <i>Algebra Lab</i> 655 <i>Practice Test</i> 667 #14-#16, #19 <i>Preparing for Standardized Tests</i> 668-669 <i>Spiral Review</i> 682 #64, 696 #61 <i>Standardized Test Practice</i> 653 #51 <i>Study Guide and Review</i> 666 #52, #55	Student Edition: 14-21, 22-24, 25-35, 44, 45, 54 #63, 65, 239-243, 370 #59-#60 <i>Construction</i> 17, 30 <i>Geometry Software Lab</i> 65 <i>Key Concept</i> 15, 16, 25, 26, 27 <i>Mid-Chapter Quiz</i> 45 <i>New Vocabulary</i> 14, 25 <i>Study Tip</i> 15, 22, 23, 26, 27, 28, 29, 239 <i>Watch Out!</i> 16	Student Edition: <i>Practice and Problem Solving</i> 15 #50 <i>Guide and Review</i> 51 #38
Score Range 16–19			
Compute the perimeter of polygons when all side lengths are given	Student Edition: P23-P25, 20 #48, 37 #61 <i>Posttest</i> P47 #44-#47 <i>Pretest</i> P3 #37-#40 <i>Standardized Test Practice</i> 80 #53	Student Edition: 24 #22, 58-64, 65-66, 471-472, 780, 813, 816-817, 818, 844 <i>Geometry Lab</i> 816-817 <i>Graphing Software Lab</i> 65-66 <i>Key Concept</i> 58 <i>Reading Math</i> 58 <i>Study Tip</i> 58, 59, 60, 780 <i>Test-Taking Tip</i> 59	Student Edition: <i>Mid-Chapter Quiz</i> 168 #19 <i>Practice and Problem Solving</i> 23 #43

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Compute the area of rectangles when whole number dimensions are given	Student Edition: P26-P28 <i>Posttest P47 #44-#45</i> <i>Pretest P3 #37</i> <i>Spiral Review 15 #75</i> <i>Standardized Test Practice 9 #40</i>	Student Edition: 24, #22, 58-64, 65-66, 777, 779-786, 818-824, 826, 828, 829, 830-831 <i>Graphing Software Lab 65-66</i> <i>Key Concept 58, 779</i> <i>Problem-Solving Tip 830-831</i> <i>Reading Math 58</i> <i>Study Tip 58, 59, 60, 780</i> <i>Test-Taking Tip 59</i>	Student Edition: <i>Check Your Understanding 242 #16</i> <i>Exercises 55 #3</i> <i>Mid-Chapter Quiz 168 #19</i> <i>Practice and Problem Solving 196 #54, 243 #67</i> <i>Spiral Review 39 #60</i> <i>Standardized Test Practice 475 #67</i>
Score Range 20–23			
Compute the area and perimeter of triangles and rectangles in simple problems	Student Edition: P23-P25, P26-P28, 13 #36, 15 #74-#75, 20 #48, 37 #61, 637 #13, 638 #26 <i>Posttest P47 #44-#47</i> <i>Pretest P3 #37-#40</i> <i>Standardized Test Practice 80 #53, 96 #59</i>	Student Edition: 24 #22, 58-64, 65-66, 777, 779-786, 796 #43, 818-824, 826, 828, 829, 830-831, 844 <i>Graphing Software Lab 65-66</i> <i>Key Concept 58, 779, 781</i> <i>Problem-Solving Tip 830-831</i> <i>Reading Math 58</i> <i>Study Tip 58, 59, 60, 782</i> <i>Test-Taking Tip 59</i>	Student Edition: <i>Exercises 297 #4</i> <i>Mid-Chapter Quiz 255 #16</i> <i>Practice and Problem Solving 7 #25, 37 #40, 243 #69, 419 #35</i> <i>Practice Test 295 #15</i> <i>Spiral Review 17 #69</i> <i>Standardized Test Practice 197 #65, 365 #64</i> <i>Study Guide and Review 292 #29</i>

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Use geometric formulas when all necessary information is given	Student Edition: P23-P25, P26-P28, P29-P30, P31-P32, 637 Example 4, 637 #13, 648-652 <i>Mid-Chapter Quiz</i> 647 #22 <i>Posttest</i> P47 #44-#47, P48 #48-#53 <i>Pretest</i> P3 #37-#40 P4 #41-#46 <i>Quick Check</i> 3 #11-#13, 389 #9-#11 <i>Spiral Review</i> 15 #73-#75, 39 #79, 46 #52-#53, 54 #67-#69, 202 #29 <i>Standardized Test Practice</i> 9 #46, 71 #12, 253 #20, 303 #61, 311 #45, 322 #54, 376 #45-#46, 613 #3, 711 #52	Student Edition: 24 #22, 58-64, 779-786, 789-796, 797, 798-804, 805, 806, 807-815, 816-817, 826-828, 846-853, 854-862, 863-870, 871-879, 880-887 <i>Concept Summary</i> 858, 875 <i>Geometry Lab</i> 797, 806, 816-817 <i>Key Concept</i> 779, 781, 789, 791, 798, 799, 808, 846, 847, 848, 854, 855, 857, 863, 864, 873, 874, 880, 882	Student Edition: <i>Example</i> 21 <i>Mid-Chapter Quiz</i> 255 #16 <i>Practice and Problem Solving</i> 7 #25, 9 #40, 286 #45, 433 #63, 434 #65 <i>Spiral Review</i> 39 #59 <i>Study Guide and Review</i> 294 #68
Score Range 24–27			
Compute the area of triangles and rectangles when one or more additional simple steps are required	Student Edition: 476 #43, 637 Example 4, 637 #13, 651 #29 <i>Mid-Chapter Quiz</i> 647 #22 <i>Standardized Test Practice</i> 168 #54, 253 #20	Student Edition: 24 #22, 58-64, 777, 779-786, 810-815, 816-817, 818-824, 826, 828, 829, 830-831, 868, 879 <i>Key Concept</i> 58, 779 <i>Preparing for Standardized Tests</i> 830-831 <i>Reading Math</i> 58, 820 <i>Real-World Link</i> 810 <i>Study Tip</i> 58, 59, 60, 782 <i>Test-Taking Tip</i> 59	Student Edition: <i>Example</i> 191 <i>Exercises</i> 297 #4 <i>Mid-Chapter Quiz</i> 255 #16 <i>Practice and Problem Solving</i> 7 #25, 9 #40, 194 #17, 196 #54, 242 #46-#48, 243 #67, 260 #48, 286 #45, 348 #73, 419 #35 <i>Spiral Review</i> 17 #69 <i>Standardized Test Practice</i> 215 #11, 262 #64, 365 #64

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Compute the area and circumference of circles after identifying necessary information	Student Edition: P24-P25, P27-P28, 489 #46 <i>Posttest</i> P48 #48-#50 <i>Pretest</i> P4 #41-#43 <i>Standardized Test Practice</i> 529 #64, 553 #76	Student Edition: 796 #53-#55, 798-804, 805, 810-815, 820, 824, 827, 828, 830-831, 844, 870, 879 <i>Key Concept</i> 848, 854, 855 <i>Mid-Chapter Quiz</i> 805 <i>Problem-Solving Tip</i> 830-831 <i>Reading Math</i> 820 <i>Real-World Link</i> 799 <i>Review Vocabulary</i> 799	Student Edition: <i>Exercises</i> 379 #2 <i>Mid-Chapter Quiz</i> 26 #20, 751 #8 <i>Practice and Problem Solving</i> 287 #56, 397 #41 <i>Spiral Review</i> 17 #68 <i>Standardized Test Practice</i> 750 #27
Compute the perimeter of simple composite geometric figures with unknown side lengths*	Student Edition: 442 #34, 476 #43 <i>Standardized Test Practice</i> 405 #66, 429 #48	Student Edition: 24 #22, 64 #50, 471-472, 780, 830-831, 833, 846-853, 854-862 <i>Key Concept</i> 848, 854, 855 <i>Preparing for Standardized Tests</i> 830-831 <i>Standardized Test Preparation</i> 833 <i>Study Tip</i> 780, 847, 848, 854, 857 <i>Watch Out!</i> 472	Student Edition: <i>Practice and Problem Solving</i> 243 #65

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 28–32*			
Use relationships involving area, perimeter, and volume of geometric figures to compute another measure	Student Edition: 442 #34, 763 #32 <i>Standardized Test Practice</i> 22 #62, 80 #53, 109 #66, 553 #76	Student Edition: 24 #22, 471-472, 780-786, 797, 798-804, 806, 816-817, 818-824, 830-831, 868-870, 871, 877-878 <i>Geometry Lab</i> 797, 806, 816-817 <i>Graphing Technology Lab</i> 871 <i>Preparing for Standardized Tests</i> 830-831 <i>Reading Math</i> 819, 820 <i>Real-World Link</i> 820 <i>Study Tip</i> 471, 780 <i>Watch Out!</i> 472, 819	Student Edition: <i>Check Your Understanding</i> 242 #16, 369 #3 <i>Exercises</i> 297 #4 <i>Mid-Chapter Quiz</i> 26 #4, #20, 255 #16 <i>Practice and Problem Solving</i> 8 #35, 23 #51, 286 #32, 347 #57, #70, 370 #18, #39, 371 #41, 410 #36-#37, #46, 749 <i>Practice Test</i> 377 #24 <i>Standardized Test Practice</i> 262 #64, 381 #14, #16 <i>Study Guide and Review</i> 51 #33, 374 #21, 375 #40, 376 #56
Score Range 33–36†			
Use scale factors to determine the magnitude of a size change	Student Edition: 114-115 <i>Standardized Test Practice</i> 80 #53, 96 #59, 682 #59	Student Edition: 74 #45, 471-476, 818-824, 828, 829 #20, 844, 871, 896-902, 906, 907 #17, 911 #13, 930 #34 <i>Graphing Technology Lab</i> 871 <i>Key Concept</i> 896 <i>Reading Math</i> 819, 820 <i>Real-World Link</i> 820 <i>Study Tip</i> 471, 897, 898 <i>Watch Out!</i> 472, 819	Student Edition: <i>Practice and Problem Solving</i> 347 #70, 348 #78 <i>Spiral Review</i> 25 #73

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Compute the area of composite geometric figures when planning or visualization is required	Student Edition: 117 #64, 482 Example 3, 483 #7, #24, #33-#34, 489 #45, #47-#48, 519 #44 <i>Standardized Test Practice</i> 743 #8 <i>Study Guide and Review</i> 532 #34	Student Edition: 779-786, 797, 802-804, 807-815, 816-817, 824, 827, 829 #18-#19, 830-831, 833 #12, 879, 885, 887 <i>Geometry Lab</i> 797, 816-817 <i>Preparing for Standardized Tests</i> 830-831 <i>Reading Math</i> 808 <i>Study Tip</i> 809 <i>Watch Out!</i> 808	Student Edition: <i>Check Your Understanding</i> 346 #15 <i>Practice and Problem Solving</i> 243 #65, 347 #71, 348 #73 <i>Standardized Test Practice</i> 262 #64
Function† Score Range 20–23			
Evaluate quadratic functions, expressed in function notation, at integer values†	Student Edition: 50 Example 5, 51 #14, 52 #35-#37, 546-551	Student Edition: 21 #44, 89, 293 #55 <i>Quick Check</i> 89 <i>Quick Review</i> 89	Student Edition: <i>Check Your Understanding</i> 224 #11 <i>Example</i> 223, 232, 241 <i>H.O.T. Problems</i> 235 #53-#56 <i>Practice and Problem Solving</i> 224 #32, 225 #41-#42, 226 #59-#60, 234 #38-#40, 235, 243 #66, 244 #70, 278 #34, 279 #47 <i>Solve Quadratic Equations</i> 229 <i>Standardized Test Practice</i> 298 #8, 299 #11, 299 #16 <i>Study Guide and Review</i> 291 #19

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 24–27			
Evaluate polynomial functions, expressed in function notation, at integer values†	Student Edition: 50-52 <i>Practice Test</i> 67 #20 <i>Skills Review</i> 262 #35-#36 <i>Spiral Review</i> 303 #74-#75 <i>Study Guide and Review</i> 66 #68-#71	Student Edition: 21 #44, 89, 659 #48, 853 #48 <i>Quick Check</i> 89 <i>Quick Review</i> 89	Student Edition: <i>Check Your Understanding</i> 326 #5-#6, 334, 355, 363 #5-#12, 369 <i>Example</i> 323, 330-333, 353, 360-361, 367-369 <i>Graphing Technology Lab</i> 338-339, 366 <i>Practice and Problem Solving</i> #23-#28, 327 #42-#50, 328, 334-335, 355, 363 #27-#38, 364 #46-#49, 370-371 <i>Spiral Review</i> 17 #70-#75
Express the sine, cosine, and tangent of an angle in a right triangle as a ratio of given side lengths†	Student Edition: 656-661 <i>Practice Test</i> 667 #17 <i>Spiral Review</i> 682 #61-#63, 809 #33-#35 <i>Study Guide and Review</i> 666 #53-#54	Student Edition: 567, 568-577, 579, 580-587, 588-597, 589-599, 612-613, 614 <i>Concept Summary</i> 592 <i>Geometry Lab</i> 598-599 <i>Graphing Technology Lab</i> 567 <i>Key Concept</i> 568, 571 <i>Mid-Chapter Quiz</i> 579 <i>Reading Math</i> 571, 591 <i>Study Tip</i> 569, 570, 571, 572, 582, 589, 590 <i>Watch Out!</i> 572, 581, 589, 591	Student Edition: <i>Check Your Understanding</i> 795 <i>Example</i> 790-794 <i>H.O.T. Problems</i> 797 #54, #56 <i>Key Concept</i> 790, 791, 793 <i>Practice and Problem Solving</i> 795-797 <i>Spiral Review</i> 805 #58-#60 <i>Study Guide and Review</i> 860 12-1

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 28–32*			
Evaluate composite functions at integer values†	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: 302 #37, 756 #33	Student Edition: <i>Check Your Understanding</i> 389, 396 #6-#8 <i>Composition of Functions</i> 387 <i>Example</i> 385-388, 395 <i>H.O.T. Problems</i> 391 #60-#61 <i>Practice and Problem Solving</i> 389-391, 396 #27-#39 <i>Spiral Review</i> 398 #61-#63
Apply basic trigonometric ratios to solve right-triangle problems†	Student Edition: 656-661 <i>Algebra Lab</i> 655 <i>Practice Test</i> 667 #17-#19 <i>Spiral Review</i> 711 #62 <i>Study Guide and Review</i> 666 #53-#55	Student Edition: 567, 568-577, 578, 579, 580-587, 598-599, 612-613, 614 <i>Concept Summary</i> 592 <i>Geometry Lab</i> 598-599 <i>Graphing Technology Lab</i> 567, 578 <i>Key Concept</i> 568, 571 <i>Reading Math</i> 571, 591 <i>Study Tip</i> 569, 570, 571, 572, 582, 589, 590 <i>Watch Out!</i> 572, 581, 589, 591	Student Edition: <i>Check Your Understanding</i> 795 <i>Example</i> 790-794 <i>H.O.T. Problems</i> 797 #54, #56 <i>Key Concept</i> 790, 791, 793 <i>Practice and Problem Solving</i> 795-797 <i>Spiral Review</i> 805 #58-#60 <i>Study Guide and Review</i> 860 12-1

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Score Range 33–36†			
Write an expression for the composite of two simple functions†	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: 302 #37, 756 #33	Student Edition: <i>Check Your Understanding</i> 389, 396 #6-#8 <i>Composition of Functions</i> 387 <i>Example</i> 385-388, 395 <i>H.O.T. Problems</i> 391 #60-#61 <i>Practice and Problem Solving</i> 389-391, 396 #27-#39 <i>Spiral Review</i> 398 #61-#63
Use trigonometric concepts and basic identities to solve problems†	See Glencoe <i>Geometry</i> © 2012 and <i>Algebra 2</i> © 2012.	Student Edition: 567, 568-577, 578, 579, 580-587, 598-599, 612-613, 614 <i>Concept Summary</i> 592 <i>Geometry Lab</i> 598-599 <i>Graphing Technology Lab</i> 567, 578 <i>Key Concept</i> 568, 571 <i>Reading Math</i> 571, 591 <i>Study Tip</i> 569, 570, 571, 572, 582, 589, 590 <i>Watch Out!</i> 572, 581, 589, 591	Student Edition: <i>Check Your Understanding</i> 795, 811, 841, 849 <i>Example</i> 790-794, 807-810, 837-840, 845-848 <i>Graphing Technology Lab</i> 844 <i>Key Concept</i> 790, 791, 807, 837, 845 <i>Practice and Problem Solving</i> 795-797, 811-812, 841, 842 #38-#40, 849, 850 #40

STANDARDS	PAGE REFERENCES		
	Algebra 1	Geometry	Algebra 2
Exhibit knowledge of unit circle trigonometry†	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: 554 #48, 558-566, 568-569, 579 #15-#16, 612 <i>Review Vocabulary</i> 559 <i>Study Tip</i> 559, 560, 561, 569	Student Edition: 830-832 <i>Check Your Understanding</i> 833 <i>Circular Functions</i> 830 <i>Example</i> 830-832 <i>H.O.T. Problems</i> 835 #41 <i>Key Concept</i> 830 <i>Practice and Problem Solving</i> 833-835
Match graphs of basic trigonometric functions with their equations†	See Glencoe <i>Algebra 2</i> © 2012.	See Glencoe <i>Algebra 2</i> © 2012.	Student Edition: <i>Check Your Understanding</i> 811, 841, 849 <i>Example</i> 807-810, 837-840, 845-848 <i>Graphing Technology Lab</i> 844 <i>Key Concept</i> 807, 837, 845 <i>Practice and Problem Solving</i> 811-812, 841, 842 #38-#40, 849, 850 #40