

Textbook Alignment to the Utah Core

Instructional Materials Evaluation Criteria: Grade 6

Title Prentice Hall Mathematics, Course 1 © 2008 ISBN# 0-13-133990-7 (SE); 0-13-133999-0 (TE)

Publisher: Pearson Prentice Hall

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Overall percentage of coverage of the Utah State Core Curriculum: 93 %

Standard I: Students will expand number sense to include operations with rational numbers.

Percentage of coverage for Standard I: 86 %

Objectives	Indicators	If covered, appropriate page #'s	Comments on coverage
1.1: Represent rational numbers in a variety of ways.	a. Recognize a rational number as a ratio of two integers, a to b , where b is not equal to zero.	SE/TE: 588-589, 599, 600, 602 TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 12-4 TECH: Examples or exercises in SE/TE: 588; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition	Instruction and review

		<p>Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 12-4; online lesson quizzes at www.phschool.com webcodes: aqa-1204, aqe-1204</p>	
	<p>b. Change whole numbers with exponents to standard form (e.g., $2^4 = 16$) and recognize that any non-zero whole number to the zero power equals 1 (e.g., $9^0 = 1$).</p>	<p>SE/TE: 162-165, 166-169, 170, 177, 185, 189-190, 195, 204, 206, 231, 264, 570, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 4-2, 4-3</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 4-2, 4-3; online lesson quizzes at www.phschool.com webcodes: aqa-0402, aqe-0402, aqa0403</p>	<p>Instruction and review</p>

	<p>c. Write a whole number in expanded form using exponents (e.g., $876,539 = 8 \times 10^5 + 7 \times 10^4 + 6 \times 10^3 + 5 \times 10^2 + 3 \times 10^1 + 9 \times 10^0$).</p>	<p>SE/TE: 22-25, 53</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Opportunity to address indicator on pages cited</p>
	<p>d. Express numbers in scientific notation using positive powers of ten.</p>	<p>SE/TE: 164-165, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Opportunity to address indicator on pages cited</p>

<p>1.2: Explain relationships and equivalencies among rational numbers.</p>	<p>a. Place rational numbers on the number line.</p>	<p>SE/TE: 26, 28, 30, 36, 60, 64, 175, 191, 201, 333</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 1-6</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 1-6; www.phschool.com webcode: aqa-0106, aqe-0106</p>	<p>Instruction and review</p>
	<p>b. Compare and order rational numbers, including positive and negative mixed fractions and decimals, using a variety of methods and symbols, including the number line and finding common denominators.</p>	<p>SE/TE: 26-30, 35, 41, 51, 52, 53, 58, 77, 153, 156, 169, 191, 192-195, 196-197, 199, 201, 205, 215, 231, 243, 304, 334, 411, 514, 522, 527, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 1-6, 4-8</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers,</p>	<p>Instruction and review</p>

		<p>Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 1-6, 4-8; online lesson quizzes at www.phschool.com webcodes: aqa-0106, aqe-0106, aqa-0108, aqe-0108</p>	
	<p>c. Find equivalent forms for common fractions, decimals, percents, and ratios, including repeating or terminating decimals.</p>	<p>SE/TE: 21, 22-24, 26-27, 29, 31, 37, 38, 53, 54, 55, 90, 153, 156, 175, 176-179, 180, 181, 182-185, 195, 199-201, 205, 208-209, 210, 215, 218, 220, 221, 232-234, 236, 239, 258, 304, 306-309, 310, 311, 316-319, 325, 330, 331-334, 335, 337, 339, 342, 348-349, 351, 352, 355, 356, 357, 360, 383, 390, 474, 601, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 4-5, 4-6, 4-9, 7-1, 7-3, 7-6; Guided Instruction for Activity Labs: 4-5b, 4-6a, 7-6a</p> <p>TECH: Technology Activity Lab: 4-5b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress,</p>	<p>Instruction and review</p>

		<p>PresentationExpress, ExamView for Lessons 4-5, 4-6, 4-9, 7-1, 7-3, 7-6; online lesson quizzes at www.phschool.com webcodes: aqa-0405, aqe-0405, aqa-0406, aqe-0406, aqa-0409, aqe-0409, aqa-0701, aqe-0701, aqa-0703, aqe-0703, aqa-0706, aqe-0706</p>	
	<p>d. Relate percents less than 1% or greater than 100% to equivalent fractions, decimals, whole numbers, and mixed numbers.</p>	<p>SE/TE: 352</p> <p>TR: Classroom Aid 10 (Chapter 7); Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Instruction and review</p>
	<p>e. Recognize that the sum of an integer and its additive inverse is zero.</p>	<p>SE/TE: 517, 523, 524-527, 529</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 11-3; Guided</p>	<p>Instruction and review</p>

		<p>Instruction for Activity Labs: 11-3a, 11-4a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 11-3; online lesson quizzes at www.phschool.com webcodes: aqa-1103, aqe-1103</p>	
<p>1.3: Use number theory concepts to find prime factorizations, least common multiples, and greatest common factors.</p>	<p>a. Determine whether whole numbers to 100 are prime, composite, or neither.</p>	<p>SE/TE: 166-169, 204, 206, 207, 319, 510</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 4-3</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 4-3; online lesson quizzes at www.phschool.com webcodes: aqa-0403, aqe-0403</p>	<p>Instruction and review</p>

	<p>b. Find the prime factorization of composite numbers to 100.</p>	<p>SE/TE: 166-169, 170, 177, 185, 189-190, 195, 204, 206, 264, 279, 603</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 4-3</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 4-3; online lesson quizzes at www.phschool.com webcodes: aqa-0403, aqe-0403</p>	<p>Instruction and review</p>
	<p>c. Find the greatest common factor and least common multiple for two numbers using a variety of methods (e.g., list of multiples, prime factorization).</p>	<p>SE/TE: 171-174, 177-179, 187, 188-191, 205, 206, 210, 255, 258, 279, 295, 527, 533, 601</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 4-4, 4-7</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers,</p>	<p>Instruction and review</p>

		<p>Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 4-4, 4-7; online lesson quizzes at www.phschool.com webcodes: aqa-0404, aqe-0404, aqa-0407, aqe-0407</p>	
<p>1.4: Model and illustrate meanings of operations and describe how they relate.</p>	<p>a. Relate fractions to multiplication and division and use this relationship to explain procedures for multiplying and dividing fractions.</p>	<p>SE/TE: 260, 261-264, 266-270, 271, 272-275, 276-279, 280, 281, 298-299, 300, 357</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 6-1, 6-2, 6-3, 6-4; Guided Instruction for Activity Labs 6-3a, 6-4b</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 6-1, 6-2, 6-3, 6-4; online lesson quizzes at www.phschool.com webcodes: aqa-0601, aqe-0601, aqa-0602, aqe-0602, aqa-0603, aqe-0603, aqa-0604, aqe-0604</p>	<p>Instruction and review</p>

	<p>b. Recognize that ratios derive from pairs of rows in the multiplication table and connect with equivalent fractions.</p>	<p>SE/TE: 306-309, 319</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 7-1</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 7-1; online lesson quizzes at www.phschool.com webcodes: aqa-0701, aqe-0701</p>	<p>Opportunity to address indicator on pages cited</p>
	<p>c. Give mixed number and decimal solutions to division problems with whole numbers.</p>	<p>SE/TE: 44-46, 53, 58, 106, 156</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress,</p>	<p>Instruction and review</p>

		PresentationExpress, ExamView	
1.5: Solve problems involving multiple steps.	a. Select appropriate methods to solve a multi-step problem involving multiplication and division of fractions and decimals.	<p>SE/TE: 48, 50, 56-57, 91-92</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles; Guided Instruction for Activity Lab 1-9b</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	Instruction and review
	b. Use estimation to determine whether results obtained using a calculator are reasonable.	<p>SE/TE: 32-34, 36, 49, 53, 54, 83, 91, 244-245, 348-351, 355, 356, 357, 597</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 1-7, 7-9</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success</p>	Opportunity to address indicator on pages cited

		<p>Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 1-7, 7-9; online lesson quizzes at www.phschool.com webcodes: aqa-0107, aqe-0107, aqa-0709, aqe-0709</p>	
	<p>c. Use estimation or calculation to compute results, depending on the context and numbers involved in the problem.</p>	<p>SE/TE: 2, 7, 8-11, 12-15, 16-19, 20, 31, 32-35, 37, 38-41, 42, 44-47, 48, 49, 52-53, 54, 55, 58, 64, 90, 111, 201, 212-215, 216, 217-220, 221, 222-225, 226, 227, 228-231, 232-236, 237, 238, 244-245, 246-250, 251, 252-253, 254, 255, 256-257, 286-287, 295, 298-299, 300, 301, 302-303, 334, 365, 395, 597</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 5-1, 5-2, 5-3, 5-4, 5-5, 5-7, 6-1, 6-2, 6-3, 6-4; Guided Instruction for Activity Labs: 1-8b, 1-9b, 5-2a, 5-3a, 5-5b, 6-3a, 6-4b</p> <p>TECH: Examples or exercises in SE/TE: 42; Technology Activity Labs: 1-8b, 5-5b, 6-4b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress,</p>	<p>Instruction and review</p>

		<p>PresentationExpress, ExamView for Lessons 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 5-1, 5-2, 5-3, 5-4, 5-5, 5-7, 6-1, 6-2, 6-3, 6-4; online lesson quizzes at www.phschool.com webcodes: aqa-0102, aqe-0102, aqa-0103, aqe-0103, aqa-0104, aqe-0104, aqa-0107, aqe-0107, aqa-0108, aqe-0108, aqa-0109, aqe-0109, aqa-0501, aqe-0501, aqa-0502, aqe-0502, aqa-0503, aqe-0503, aqa-0504, aqe-0504, aqa-0505, aqe-0505, aqa-0507, aqe-0507, aqa-0601, aqe-0601, aqa-0602, aqe-0602, aqa-0603, aqe-0603, aqa-0604, aqe-0604</p>	
	<p>d. Solve problems involving ratios and proportions.</p>	<p>SE/TE: 306-309, 310, 311, 313, 315, 316-319, 320-324, 325, 326-329, 332, 334, 335, 336, 339, 346-347, 351, 354-355, 356, 357, 358-359, 360, 377, 383, 393-395, 396-397, 405, 407, 411, 430, 435, 491, 497, 542, 562, 567, 590, 594, 595-596, 602, 603</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 7-1, 7-3, 7-4, 7-5; Guided Instruction for Activity Lab 7-4b</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers,</p>	<p>Instruction and review</p>

		<p>Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 7-1, 7-3, 7-4, 7-5; online lesson quizzes at www.phschool.com webcodes: aqa-0701, aqe-0701, aqa-0703, aqe-0703, aqa-0704, aqe-0704, aqa-0705, aqe-0705</p>	
<p>1.6: Demonstrate proficiency with the four operations, with positive rational numbers, and with addition and subtraction of integers.</p>	<p>a. Multiply and divide a multi-digit number by a two-digit number, including decimals.</p>	<p>SE/TE: 2, 39-41, 42, 43, 44-47, 49, 53, 58, 64, 106, 116, 156, 601</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 1-8, 1-9; Guided Instruction for Activity Labs 1-8b, 1-9b</p> <p>TECH: Technology Activity Lab: 1-8b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 1-8, 1-9; online lesson quizzes at www.phschool.com webcodes: aqa-0108, aqe-0108, aqa-0109, aqe-0109</p>	<p>Instruction and review</p>

	<p>b. Add, subtract, multiply, and divide fractions and mixed numbers.</p>	<p>SE/TE: 212-215, 216, 217-220, 221, 222-225, 226, 227, 228-231, 232-236, 237, 238, 252-253, 254, 256-257, 260, 261-264, 266-270, 271, 272-275, 276-279, 280, 281, 295, 298-299, 300, 304, 309, 315, 319, 324, 329, 334, 357, 474</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 5-1, 5-2, 5-3, 5-4, 5-5, 6-1, 6-2, 6-3, 6-4; Guided Instruction for Activity Labs: 5-2a, 5-3a, 5-5b, 6-3a, 6-4b</p> <p>TECH: Technology Activity Labs: 5-5b, 6-4b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 5-1, 5-2, 5-3, 5-4, 5-5, 6-1, 6-2, 6-3, 6-4; online lesson quizzes at www.phschool.com webcodes: aqa-0501, aqe-0501, aqa-0502, aqe-0502, aqa-0503, aqe-0503, aqa-0504, aqe-0504, aqa-0505, aqe-0505, aqa-0601, aqe-0601, aqa-0602, aqe-0602, aqa-0603, aqe-0603, aqa-0604, aqe-0604</p>	<p>Instruction and review</p>
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	c. Add and subtract integers.	<p>SE/TE: 523, 524-527, 528, 529, 530-533, 543, 552, 554, 564, 566</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 11-3, 11-4; Guided Instruction for Activity Labs 11-3a, 11-4a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 11-3, 11-4; online lesson quizzes at www.phschool.com webcodes: aqa-1103, aqe-1103, aqa-1104, aqe-1104</p>	Instruction and review
<p>Standard II: Students will use patterns, relations, and algebraic expressions to represent and analyze mathematical problems and number relationships.</p> <p>Percentage of coverage for Standard II: 100 %</p>			
Objectives	Indicators	If covered, appropriate page #'s	Comments on coverage
2.1 Analyze algebraic expressions, tables, and graphs to determine patterns, relations, and rules.	a. Describe simple relationships by creating and analyzing tables, equations, and expressions.	SE/TE: 81-83, 84, 85, 101, 102, 108-111, 112, 113-116, 117, 118-122, 123, 127, 129, 133, 141, 142-143, 147, 150, 152, 154-155, 165, 174, 243, 291, 329, 344, 466, 522, 552, 558-562, 563, 576,	Instruction and review

		<p>577, 594, 604-605</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 2-5, 3-1, 3-2, 3-3, 11-10; Guided Instruction for Activity Labs: 2-5b, 3-2a, 3-3a, 3-3b, 12-1b</p> <p>TECH: Examples or exercises in SE/TE: 81, 101; Technology Activity Lab: 2-5b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 2-5, 3-1, 3-2, 3-3, 11-10; online lesson quizzes at www.phschool.com webcodes: aqa-0205, aqe-0205, aqa-0301, aqe-0301, aqa-0302, aqe-0302, aqa-0303, aqe-0303, aqa-1110, aqe-1110</p>	
	<p>b. Draw a graph and write an equation from a table of values.</p>	<p>SE/TE: 84, 85, 395, 558-562, 565, 566</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily</p>	<p>Instruction and review</p>

		<p>Puzzles for Lesson 11-10; Guided Instruction for Activity Lab 2-5b</p> <p>TECH: Technology Activity Lab: 2-5b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 11-10; online lesson quizzes at www.phschool.com webcodes: aqa-1110, aqe-1110</p>	
	<p>c. Draw a graph and create a table of values from an equation.</p>	<p>SE/TE: 558-562, 565, 566</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 11-10</p> <p>TECH: Technology Activity Lab: 2-5b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 11-10; online lesson quizzes at www.phschool.com webcodes: aqa-1110, aqe-1110</p>	<p>Instruction and review</p>

<p>2.2 Write, interpret, and use mathematical expressions, equations, and formulas to represent and solve problems that correspond to given situations.</p>	<p>a. Solve single variable linear equations using a variety of strategies.</p>	<p>SE/TE: 124-127, 129, 130-133, 134-137, 138-141, 151, 152, 153, 240-243, 250, 253, 254, 258, 282-285, 296, 299, 300, 304, 360, 405, 514, 543-545, 546, 552, 565, 566, 570, 572-576, 585, 598, 600, 601, 602, 603</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 3-4, 3-5, 3-6, 3-7, 5-6, 6-5, 11-7, 12-1; Guided Instruction for Activity Lab 3-7a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 3-4, 3-5, 3-6, 3-7, 5-6, 6-5, 11-7, 12-1; online lesson quizzes at www.phschool.com webcodes: aqa-0304, aqe-0304, aqa-0305, aqe-0305, aqa-0306, aqe-0306, aqa-0307, aqe-0307, aqa-0506, aqe-0506, aqa-0605, aqe-0605, aqa-1107, aqe-1107, aqa-1201, aqe-1201</p>	<p>Instruction and review</p>
	<p>b. Recognize that expressions in different forms can be equivalent and</p>	<p>SE/TE: 12-15, 117, 118-122, 123, 129, 144-147, 148, 150-151, 152, 153, 162-165, 166-169, 170, 201, 207, 255,</p>	<p>Instruction and review</p>

	<p>rewrite an expression to represent a quantity in a different way.</p>	<p>265</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 1-3, 3-3, 3-8, 4-2, 4-3; Guided Instruction for Activity Labs 3-3a, 3-3b, 3-8b</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 1-3, 3-3, 3-8, 4-2, 4-3; online lesson quizzes at www.phschool.com webcodes: aqa-0103, aqe-0103, aqa-0303, aqe-0303, aqa-0308, aqe-0308, aqa-0402, aqe-0402, aqa-0403, aqe-0403</p>	
	<p>c. Evaluate and simplify expressions and formulas, substituting given values for the variables (e.g., $2x + 4$; $x = 2$; therefore, $2(2) + 4 = 8$).</p>	<p>SE/TE: 81-83, 101, 113-116, 117, 118-122, 123, 129, 144-147, 150-151, 152, 153, 161, 165, 170, 264, 344, 497, 567, 601, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily</p>	<p>Instruction and review</p>

		<p>Puzzles for Lessons 3-2, 3-3, 3-8; Guided Instruction for Activity Labs: 3-3a, 3-3b</p> <p>TECH: Examples or exercises in SE/TE (sample): 601; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 3-2, 3-3, 3-8; online lesson quizzes at www.phschool.com webcodes: aqa-0302, aqe-0302, aqa-0303, aqe-0303, aqa-0308, aqe-0308</p>	
<p>Standard III: Students will use spatial and logical reasoning to recognize, describe, and analyze geometric shapes and principles.</p> <p>Percentage of coverage for Standard III: 100 %</p>			
Objectives	Indicators	If covered, appropriate page #'s	Comments on coverage
<p>3.1 Identify and analyze attributes and properties of geometric shapes to solve problems.</p>	<p>a. Identify the midpoint of a line segment and the center and circumference of a circle.</p>	<p>SE/TE: 372, 437, 438-441, 447, 469, 527</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-5; Guided Instruction for Activity Lab: 9-5a</p> <p>TECH: Check Skills You'll Need,</p>	<p>Instruction and review</p>

		<p>Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-5; online lesson quizzes at www.phschool.com webcodes: aqa-0905, aqe-0905</p>	
	<p>b. Identify angles as vertical, adjacent, complementary, or supplementary and provide descriptions of these terms.</p>	<p>SE/TE: 374-377, 378, 379, 409, 410, 419, 542</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 8-3; Guided Instruction for Activity Lab: 8-3b</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 8-3; online lesson quizzes at www.phschool.com webcodes: aqa-0803, aqe-0803</p>	<p>Instruction and review</p>

	<p>c. Develop and use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems involving an unknown angle in a triangle or quadrilateral.</p>	<p>SE/TE: 374-377, 378, 381, 383, 385, 388-390, 401, 407, 409, 410, 419, 542, 557, 576</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 8-3; Guided Instruction for Activity Labs: 8-3b, 8-4a, 8-5a</p> <p>TECH: Technology Activity Lab: 8-4a; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 8-3; online lesson quizzes at www.phschool.com webcodes: aqa-0803, aqe-0803</p>	<p>Instruction and review</p>
<p>3.2: Visualize and identify geometric shapes after applying transformations on a coordinate plane.</p>	<p>a. Rotate a polygon about the origin by a multiple of 90° and identify the location of the new vertices.</p>	<p>SE/TE: 403-405, 409, 410, 413, 602</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 8-8</p> <p>TECH: Check Skills You'll Need,</p>	<p>Instruction and review</p>

		<p>Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 8-8; online lesson quizzes at www.phschool.com webcodes: aqa-0808, aqe-0808</p>	
	<p>b. Translate a polygon either horizontally or vertically on a coordinate grid and identify the location of the new vertices.</p>	<p>SE/TE: 402-405, 409, 410, 413</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 8-8</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 8-8; online lesson quizzes at www.phschool.com webcodes: aqa-0808, aqe-0808</p>	<p>Instruction and review</p>
	<p>c. Reflect a polygon across either the x- or y-axis and identify the location of the new vertices.</p>	<p>SE/TE: 403-405, 409, 410, 553</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment,</p>	<p>Instruction and review</p>

		<p>Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 8-8</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 8-8; online lesson quizzes at www.phschool.com webcodes: aqa-0808, aqe-0808</p>	
<p>Standard IV: Students will understand and apply measurement tools and techniques and find the circumference and area of a circle.</p> <p>Percentage of coverage for Standard III: 95 %</p>			
Objectives	Indicators	If covered, appropriate page #'s	Comments on coverage
<p>4.1 Describe and find the circumference and area of a circle.</p>	<p>a. Explore the relationship between the radius and diameter of a circle to the circle's circumference to develop the formula for circumference.</p>	<p>SE/TE: 437, 438-441, 447, 469</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-5; Guided Instruction for Activity Lab: 9-5a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook</p>	<p>Instruction and review</p>

		<p>Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-5; online lesson quizzes at www.phschool.com webcodes: aqa-0905, aqe-0905</p>	
	<p>b. Find the circumference of a circle using a formula.</p>	<p>SE/TE: 438-441, 447, 466, 469, 470, 471, 551</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-5</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-5; online lesson quizzes at www.phschool.com webcodes: aqa-0905, aqe-0905</p>	<p>Instruction and review</p>
	<p>c. Describe pi as the ratio of the circumference to the diameter of a circle.</p>	<p>SE/TE: 438-441, 447, 469</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily</p>	<p>Instruction and review</p>

		<p>Puzzles for Lesson 9-5</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-5; online lesson quizzes at www.phschool.com webcodes: aqa-0905, aqe-0905</p>	
	<p>d. Decompose a circle into a number of wedges and rearrange the wedges into a shape that approximates a parallelogram to develop the formula for the area of a circle.</p>	<p>SE/TE: 444</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-6</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-6; online lesson quizzes at www.phschool.com webcodes: aqa-0906, aqe-0906</p>	<p>Instruction and review</p>

	<p>e. Find the area of a circle using a formula.</p>	<p>SE/TE: 444-447, 456, 469, 470, 471, 567, 590</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-6</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-6; online lesson quizzes at www.phschool.com webcodes: aqa-0906, aqe-0906</p>	<p>Instruction and review</p>
<p>4.2: Identify and describe measurable attributes of objects and units of measurement, and solve problems involving measurement.</p>	<p>a. Recognize that measurements are approximations and describe how the size of the unit used in measuring affects the precision.</p>	<p>SE/TE: 185, 186, 206, 212-215, 220, 227, 244-245, 270, 288-291, 296, 297, 299, 300, 358-359, 367-371, 377, 384, 416-419, 420, 430, 437, 438-441, 444-447, 467, 503, 542</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 5-1, 6-6, 8-2, 9-1, 9-5, 9-6; Guided Instruction for Activity Labs: 4-6b, 9-5a</p>	<p>Instruction and review</p>

		<p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 5-1, 6-6, 8-2, 9-1, 9-5, 9-6; online lesson quizzes at www.phschool.com webcodes: aqa-0501, aqe-0501, aqa-0606, aqe-0606, aqa-0802, aqe-0802, aqa-0901, aqe-0901, aqa-0905, aqe-0905, aqa-0906, aqe-0906</p>	
	<p>b. Convert units of measurement within the metric system and convert units of measurement within the customary system.</p>	<p>SE/TE: 161, 292-295, 297, 299, 300, 301, 302-303, 309, 351, 414, 416-419, 420, 421-424, 430, 436, 452, 468, 470, 527, 567</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 6-7, 9-1, 9-2</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for</p>	<p>Instruction and review</p>

		Lessons 6-7, 9-1, 9-2; online lesson quizzes at www.phschool.com webcodes: aqa-0607, aqe-0607, aqa-0901, aqe-0901, aqa-0902, aqe-0902	
	c. Compare a meter to a yard, a liter to a quart, and a kilometer to a mile.	<p>SE/TE: 416-417</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-1</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 9-1; online lesson quizzes at www.phschool.com webcodes: aqa-0901, aqe-0901</p>	Instruction
	d. Determine when it is appropriate to estimate or use precise measurement when solving problems.	<p>SE/TE: 185, 186, 206, 212-215, 220, 227, 244-245, 288-291, 296, 297, 299, 300, 358-359, 367-371, 384, 416-419, 420, 430, 437, 438-441, 444-447, 467</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily</p>	Instruction and review

		<p>Puzzles for Lessons 5-1, 6-6, 8-2, 9-1, 9-5, 9-6; Guided Instruction for Activity Labs: 4-6b, 9-5a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 5-1, 6-6, 8-2, 9-1, 9-5, 9-6; online lesson quizzes at www.phschool.com webcodes: aqa-0501, aqe-0501, aqa-0606, aqe-0606, aqa-0802, aqe-0802, aqa-0901, aqe-0901, aqa-0905, aqe-0905, aqa-0906, aqe-0906</p>	
	<p>e. Derive and use the formula to determine the surface area and volume of a cylinder.</p>	<p>SE/TE: 461, 462-466, 469, 470</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 9-10; Guided Instruction for Activity Lab: 9-10a</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress,</p>	<p>Instruction and review</p>

		PresentationExpress, ExamView for Lesson 9-10; online lesson quizzes at www.phschool.com webcodes: aqa-0910, aqe-0910	
Standard V: Students will analyze, draw conclusions, and make predictions based upon data and apply basic concepts of probability.			
Percentage of coverage for Standard III: 100 %			
Objectives	Indicators	If covered, appropriate page #'s	Comments on coverage
5.1 Design investigations to reach conclusions using statistical methods to make inferences based on data.	a. Design investigations to answer questions.	SE/TE: 63, 78, 88, 90, 97, 202 TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles; Guided Instruction for Activity Labs: 2-4b, 4-9b TECH: Technology Activity Lab: 2-4bCheck Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView	Instruction and review
	b. Extend data display and comparisons to include scatter plots and circle graphs.	SE/TE: 84, 340, 341-344, 345, 383, 401, 411, 456 TR: Practice (English and Spanish), Adapted Practice, Guided Problem	Instruction and review

		<p>Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 7-8; Guided Instruction for Activity Labs: 7-8a, 7-8b</p> <p>TECH: Technology Activity Lab: 7-8b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 7-8; online lesson quizzes at www.phschool.com webcodes: aqa-0708, aqe-0708</p>	
	<p>c. Compare two similar sets of data on the same graph and compare two graphs representing the same set of data.</p>	<p>SE/TE: 72-73, 75-76, 77, 78, 84, 85, 88-90, 96, 101, 147</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 2-6; Guided Instruction for Activity Labs: 2-4b, 2-5b</p> <p>TECH: Technology Activity Labs: 2-4b, 2-5b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers,</p>	<p>Instruction and review</p>

		<p>Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 2-6; online lesson quizzes at www.phschool.com webcodes: aqa-0206, aqe-0206</p>	
	<p>d. Recognize that changing the scale influences the appearance of a display of data.</p>	<p>SE/TE: 74-75, 93-96, 98</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 2-7</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 2-7; online lesson quizzes at www.phschool.com webcodes: aqa-0207, aqe-0207</p>	<p>Instruction and review</p>
	<p>e. Propose and justify inferences and predictions based on data.</p>	<p>SE/TE: 73, 76-77, 78, 79, 83, 92, 93-96, 99, 102, 104-105, 169, 174, 351, 411, 494-497, 499, 506, 507, 519, 537, 554-557, 565, 566, 568-569, 585, 604-605</p> <p>TR: Practice (English and Spanish),</p>	<p>Instruction and review</p>

		<p>Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 2-7, 10-4, 11-9</p> <p>TECH: Technology Activity Lab: 2-4b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 2-7, 10-4, 11-9; online lesson quizzes at www.phschool.com webcodes: aqa-0207, aqe-0207, aqa-1004, aqe-1004, aqa-1109, aqe-1109</p>	
<p>5.2: Apply basic concepts of probability and justify outcomes.</p>	<p>a. Write the results of a probability experiment as a fraction between zero and one, or an equivalent percent.</p>	<p>SE/TE: 78, 325, 488-491, 492, 498, 509, 510, 512-513, 581</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 10-3; Guided Instruction for Activity Labs: 2-4b, 7-4b, 10-3b, 10-4b</p> <p>TECH: Technology Activity Labs: 2-4b, 10-4b Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers,</p>	<p>Instruction and review</p>

		<p>Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 10-3; online lesson quizzes at www.phschool.com webcodes: aqa-1003, aqe-1003</p>	
	<p>b. Compare experimental results with theoretical results (e.g., experimental: 7 out of 10 tails; whereas, theoretical 5 out of 10 tails).</p>	<p>SE/TE: 325, 482-486, 487, 488-491, 492, 498, 509, 512-513</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lessons 10-2, 10-3; Guided Instruction for Activity Labs: 7-4b, 10-3b, 10-4b</p> <p>TECH: Technology Activity Lab: 10-4b; Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lessons 10-2, 10-3; online lesson quizzes at www.phschool.com webcodes: aqa-1002, aqe-1002, aqa-1003, aqe-1003</p>	<p>Instruction and review</p>

	<p>c. Compare individual, small group, and large group results of a probability experiment in order to more accurately estimate the actual probabilities.</p>	<p>SE/TE: 493, 494-497, 512-513</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles for Lesson 10-4</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView for Lesson 10-4; online lesson quizzes at www.phschool.com webcodes: aqa-1004, aqe-1004</p>	<p>Instruction and review</p>
<p>Intended Learning Outcomes</p>			
<p>1. Develop positive attitudes towards mathematics including confidence, creativity, enjoyment and perseverance that come from achievement.</p>	<p>SE/TE: Through differentiated instruction resources, including suggestions in every lesson for working with children with special needs, below level learners, advanced learners, and English language learners, this series provides opportunities for children of all backgrounds and achievement levels to develop positive attitudes toward mathematics.</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem</p>	<p>Addressed throughout the text, sample citations listed</p>	

	<p>Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	
<p>2. Become proficient problem-solvers by posing appropriate questions, selecting appropriate methods, employing a variety of strategies, and exploring alternative approaches.</p>	<p>SE/TE: Guided Problem Solving, use of a Problem Solving Model, Problem Solving Strategies, and Problem Solving Applications are integrated throughout the course. Sample citations: 56-57, 108-111, 184, 235, 284, 333, 370, 396, 457, 542</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Addressed throughout the text, sample citations listed</p>

<p>3. Think logically using inductive and deductive reasoning and justify their conclusions using formal and informal methods of proof.</p>	<p>SE/TE: Reasoning exercises are integrated throughout the course. Sample citations: 11, 142, 174, 230, 263, 330, 350, 378, 401, 440</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Addressed throughout the text, sample citations listed</p>
<p>4. Cooperatively and independently explore mathematics, using inquiry and technological skills.</p>	<p>SE/TE: Students explore mathematics cooperatively through alternative assessment activities and group projects. Opportunities to investigate and inquire, and to employ technological skills, are integrated throughout the course. Sample citations (see TE margins): 11, 84, 197, 202, 281, 285, 366, 379, 437, 481</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted</p>	<p>Addressed throughout the text, sample citations listed</p>

	<p>Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	
<p>5. Make connections within mathematical ideas, between mathematics and other disciplines, and to life.</p>	<p>SE/TE: Students make connections throughout the course to other academic disciplines, to the real world, and to other math strands. Sample citations: 27, 71, 85, 133, 236, 243, 287, 313, 470, 591</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Addressed throughout the text, sample citations listed</p>

<p>6. Communicate mathematics through writing, modeling, and visualizing, using precise mathematical language and symbolic notation.</p>	<p>SE/TE: Students practice and apply their communication skills throughout the course by writing, modeling, visualizing, and presenting concepts and ideas on a daily basis. For example, Writing in Math exercises are integrated throughout the problem sets in the SE. Sample citations: 64, 161, 202, 237, 284, 328, 371, 420, 457, 502</p> <p>TR: Practice (English and Spanish), Adapted Practice, Guided Problem Solving, Reteaching, Enrichment, Daily Notetaking Guide, Adapted Daily Notetaking Guide, Daily Puzzles</p> <p>TECH: Check Skills You'll Need, Additional Examples, Problem of the Day, Student Edition Answers, Lesson Quiz, Interactive Textbook Online, StudentExpress, Success Tracker, TeacherExpress, PresentationExpress, ExamView</p>	<p>Addressed throughout the text, sample citations listed</p>
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