

**A Correlation of**



**to the**

**Idaho  
State Aligned  
Learning Continuum  
Release 1.0  
Grade Four**



M/M-115

## Introduction

This document demonstrates the high degree of success students will achieve when using **Scott Foresman – Addison Wesley Mathematics** in meeting the objectives of the Idaho State Aligned Learning Continuum, Release 1.0. Correlation page references are to the Teacher Edition, which contains facsimile Pupil Edition, Problem of the Day, and Spiral Review and Test Prep pages.

**Scott Foresman – Addison Wesley Mathematics** was carefully developed to reflect the specific needs of students and teachers at every grade level, while maintaining an overall primary goal: to have math make sense from every perspective. This program is based on scientific research that describes how children learn mathematics well and on classroom-based evidence that validates proven reliability.

### ● Reaching All Learners

**Scott Foresman – Addison Wesley Mathematics** addresses the needs of every student through structured instruction that makes concepts easier for students to grasp. Lessons provide step-by-step examples that show students how to think about and solve the problem. Built-in leveled practice in every lesson allows the teacher to customize instruction to match students' abilities. Reaching All Learners, featured in the Teacher Edition, helps teachers meet the diverse needs of the classroom with fun and stimulating activities that are easy to incorporate directly into the lesson plan.

### ● Test Prep

**Scott Foresman - Addison Wesley Mathematics** builds understanding through connections to prior knowledge, math strands, other subjects and the real world. It provides practice for maximum results and offers assessment in a variety of ways. Besides carefully placed reviews at the end of each Section, an important Test Prep strand runs throughout the program. Writing exercises prepare students for open-ended and short-or extended-response questions on state and national tests. Spiral review in a test format help students keep their test-taking skills sharp.

### ● Priority on problem solving:

Problem-solving instruction is systematic and explicit. Reading connections help children with problem-solving skills and strategies for math. Reading for Math Success encourages students to use the reading skills and strategies they already know to solve math problems.

### ● Instructional Support

In the Teacher Edition, the Lesson Planner provides an easy, at-a-glance planning tool. It identifies objectives, math understandings, focus questions, vocabulary, and resources for each lesson in the chapter. Professional Development at the beginning of each chapter in the Teacher Edition includes a Skills Trace as well as Math Background and Teaching Tips for each section in the chapter.

Ancillaries help to reach all learners with practice, problem solving, hands-on math, language support, assessment and teacher support. Technology resources for both the student and the teacher provide a whole new dimension to math instruction by helping to create motivating and engaging lessons.

**Scott Foresman – Addison Wesley Mathematics  
to the  
Idaho State Aligned Learning Continuum Release 1.0  
Grade Four**

**Number Sense**—includes ratios, proportions, fraction-decimal relationships, exponents, number theory, place value, and the relationship between numbers.

RIT scores between 201 and 210	
Skills and Concepts	Teacher’s Edition
<i>Whole Numbers</i>	
• <b>Round to the nearest millions and billions</b>	20B, 20-21, 22A, 23, 24, 26-27, 48-49, 57, 90A, 192A, 244
• <b>Write the Roman numeral equivalent of Arabic numbers 1-2000 and vice versa</b>	195
<i>Factorization/Divisibility</i>	
• <b>Apply rules of divisibility</b>	402A-402B, 402-403, 404A, 406A, 414-415, 427, 430, 434A, 444A, 460A, 500A, 516A, 522A
• <b>Identify the greatest common factor of two whole numbers each of which is less than 100</b>	478A, 534A, 568A
• <b>List the prime and composite numbers less than 50 in a word problem</b>	134
• <b>Change a fractional numeral to its simplest form (lowest terms)</b>	520A-520B, 520-521, 523, 528, 548, 552
• <b>Write the missing number in two equivalent ratios</b>	516A-516B, 516-517, 518-519, 520, 528, 553
• <b>Use a number line to identify a fractional point</b>	504A-504B, 504-505, 506-507, 508-509, 514-515, 524A, 524, 530B, 534-535

Skills and Concepts	Teacher's Edition
<i>Decimals</i>	
• <b>Write a decimal for a shaded region (hundredths)</b>	34A-34B, 34-35, 36, 38A, 42, 624A, 624B, 624, 625
• <b>Write a terminating decimal as a fraction or mixed number</b>	624
• <b>Round decimals to nearest whole number, tenth, hundredth, or thousandth</b>	632A, 632B, 632, 633, 674, 679, 683, 692A
• <b>Multiply a decimal by multiples of 10, 100, or 1000</b>	645
<i>Percents</i>	
• <b>Write a decimal or fraction as a percent or vice versa</b>	533, 627
<i>Integers</i>	
• <b>Order integers on a number line</b>	Refer to Grade 5: 713, 714, 715
<i>Place Value, Expanded and Standard Notation</i>	
• <b>Understand and identify the place value and value of each digit in numerals through the billions</b>	2I, 4A-4B, 4-5, 6-7, 8A-8B, 8-9, 10-11, 14-15, 20A, 20-21, 22-23, 40A, 52, 56, 178, 34A
• <b>Write the word name for a decimal and vice versa</b>	28B, 49, 678
• <b>Write numerals in expanded form through the hundred billions</b>	8-9, 10B, 10, 40, 46, 49, 52
<i>Ordering, Equalities and Inequalities</i>	
• <b>Order numbers from least to greatest and greatest to least</b>	16A-16B, 16-17, 18-19, 20A, 21, 26-27, 30B, 40, 44, 46, 48, 49, 50, 64A, 178, 244, 302, 408A, 422, 676
• <b>Compare and order numbers through the billions</b>	16A, 16-17, 18-19, 20A, 24A, 46, 49, 53, 57, 80A, 262A, 540A, 630, 631

Skills and Concepts	Teacher's Edition
<ul style="list-style-type: none"> <li>• <b>Order decimals and fractions to the hundred thousandths</b></li> </ul>	314A, 524A, 524B, 524-525, 526, 527, 528, 529, 554, 558, 530A, 534A, 562A, 630A, 630B, 630, 631, 632A, 636A, 674, 676, 678, 682, 688A, 690A, 726
<ul style="list-style-type: none"> <li>• <b>Identify the greater or lesser of 2 integers</b></li> </ul>	Refer to Grade 5: 713, 714, 715
<ul style="list-style-type: none"> <li>• <b>Ordering integers that include fractions and wholes</b></li> </ul>	Refer to Grade 5: 713, 714, 715
<ul style="list-style-type: none"> <li>• <b>Ordering exponential values</b></li> </ul>	Refer to Grade 5: 11, 167, 207
<i>Exponents and Scientific Notation</i>	
<ul style="list-style-type: none"> <li>• <b>Write whole numbers in exponential form and compute the power of the number</b></li> </ul>	Preparation: 323 Refer also to Grade 5: 11, 167, 207

**Estimation and Accurate Computations**—includes estimation, addition, subtraction, multiplication, division of whole numbers, fractions, decimals, percents, and positive and negative numbers, use of exponents, roots, logarithms and matrices.

RIT scores between 201 and 210
--------------------------------

Skills and Concepts	Teacher's Edition
<i>Whole Numbers</i>	
• Understand the concept of division using pictorial representation	146A-146B, 146-147, 158
• Use front-end estimation strategy for multiplication and division	258A-258B, 258-259, 260-261, 268-269
• Divide a 2-digit number by a 2-digit number with a remainder	408A-408B, 408-409
• Subtract multi-digit numbers without using a calculator	4A, 8A, 24A, 32A, 38A, 62A, 64, 65, 66, 76A, 82, 83, 84, 86A, 90A, 96A, 110, 112, 114, 116, 118, 124A, 152A, 164A, 166A, 244, 404A, 410A, 500A, 632A, 652A
• Multiply by multiples of 10 and 100 with an emphasis on mental math	254I, 256A-256B, 256-257, 262A-262B, 262-263, 267-268, 270A, 288A, 314A, 314B, 314-315, 330, 331, 336A, 364, 404A, 408A, 520A, 666A
• Divide a 3-digit number by a multiple of 10	406A-406B, 406-407, 414
• Divide a 3-digit number by a 2 –digit number (no zeros)	408A-408B, 408-409, 410-411, 414, 420
<i>Fractions</i>	
• Add mixed numbers with like denominators with regrouping	564-567

Skills and Concepts	Teacher's Edition
• Subtract mixed numbers with like denominators with regrouping	574-577
• Subtract mixed numbers with unlike denominators with regrouping	578-581
• Multiply a fraction by a fraction; answer in lowest terms	564
• Multiply mixed numbers	567
<i>Decimals</i>	
• Add decimals to hundredths place using both horizontal and vertical format	102A, 110, 113, 119, 148A, 166A, 200A, 206A, 288A, 372A, 404A, 524A, 638-639, 642-645
• Subtract decimals to the hundredths place	86A, 102A, 168A, 200A, 208A, 230A, 302, 638-645, 654A
• Compute and count change greater than \$20.00	64B
• Subtract decimals through hundred-thousandths with a calculator	638-645
• Compute and count change up to and including \$10.00 (addition and subtraction only)	12A, 32A-32B, 32-33, 37, 40A, 43, 48, 49, 55, 59, 62A, 73, 76A, 76-77, 78-79, 80-81, 83-84, 86A, 82-83, 94A, 102A, 132A, 178
• Solve written word problems involving the addition or subtraction of monetary amounts	72A, 73, 76- 86-87, 77, 102A, 110, 270A, 434A, 524A, 596A

Skills and Concepts	Teacher's Edition
<i>Percent</i>	
<ul style="list-style-type: none"> <li>• <b>Find a percent of a number</b></li> </ul>	Refer to Grade 5: 670, 671



**Mathematical Reasoning and Problem Solving**—includes a variety of strategies such as guess and check, logical reasoning, using formulas, and working backwards to solve simple and multi-step problems in all mathematical areas.

<b>RIT scores between 201 and 210</b>
---------------------------------------

<b>Skills and Concepts</b>	<b>Teacher’s Edition</b>
<ul style="list-style-type: none"> <li>• <b>Translate verbal statements into equations (all four operations; several operations)</b></li> </ul>	94, 95, 96A, 96B, 96, 97, 98A, 99, 104, 105, 109, 110, 113, 117, 121, 128A, 132A, 136A, 146A, 148A, 150A, 152A, 154A, 156A, 164A, 179, 262A, 421, 468A, 520A, 524A, 551, 568A, 592A, 654A, 690A-690B, 690-691, 692A, 696A, 698
<ul style="list-style-type: none"> <li>• <b>Estimate the answers to word problems</b></li> </ul>	29, 67, 73, 93, 110, 118, 124A, 163, 196A, 258, 259, 260, 316, 317, 331, 333, 368, 369, 370, 383, 387, 390A, 408, 416, 539, 563, 578A, 594, 600A, 600B, 600-601, 602A, 604, 611, 621, 624A, 627, 628A, 630A, 637, 648A, 651, 658A, 666A
<ul style="list-style-type: none"> <li>• <b>Solve written word problems involving the addition or subtraction of monetary amounts</b></li> </ul>	33, 43, 50, 59, 77, 83, 93, 101, 102A, 145, 153, 182, 178, 200A, 204A, 283, 302, 372A, 600A, 617, 621, 624A, 647, 676, 677, 691, 694
<ul style="list-style-type: none"> <li>• <b>Solve word problems involving customary and metric measurement</b></li> </ul>	4A, 212A, 273, 293, 302, 316B, 320A, 322, 329, 335, 344, 345, 466, 474, 475, 478, 479, 480, 481, 489, 497, 508A, 550, 569, 572, 578A, 579, 596B, 597, 598, 599, 600A, 600-601, 602, 602A, 610, 621, 644, 649, 651, 653, 655, 658A, 666, 667
<ul style="list-style-type: none"> <li>• <b>Solve word problems involving distance, rate and time</b></li> </ul>	6, 23, 169, 196B, 196, 197, 198A, 200, 201, 202, 216A, 234, 234A, 235, 242, 273, 275, 281, 292, 301, 302, 316, 317, 318, 354, 367, 460A, 468A, 469, 488, 507, 540, 541, 565, 571, 578A, 592A, 637, 642A, 642B, 643, 648A, 651, 653, 658A, 691, 696A

Skills and Concepts	Teacher's Edition
• Use logic to solve problems	538A, 588A, 590A, 628A, 632A, 636A, 638A, 642A, 652A, 656A, 662A
• Solve word problems using proportional reasoning	6, 11, 23, 57, 80A, 102, 137, 140A, 212A, 225, 231, 234A, 257, 303, 329, 589
• Solve geometry problems by making a drawing or diagram	338A, 434A, 434-435, 436, 437, 443, 448, 452, 454, 455
• Choose and use an appropriate problem solving strategy:	
• Draw a Picture	16A, 28A, 18, 30A, 64A, 66, 82A, 85, 146, 150A, 153, 154, 159, 160, 173, 177, 186, 290, 291, 292, 292A, 274A, 278A, 295, 301, 307, 326A, 334, 338A, 372B, 373, 375, 376, 384, 386B, 395, 401, 421, 430, 510, 511, 512, 513, 514, 515, 516A, 534A, 544, 545, 548, 549, 557, 562, 562A, 564, 566, 571, 574A, 580, 590-591, 592A, 596A, 602A, 612, 613, 626, 662A
• Make a Model:	12A, 16A, 124, 151, 160, 186, 320A, 320B, 320, 321, 322, 323, 332A, 332, 342A, 353, 357, 515, 523, 560, 562, 603
• Guess and Test	24, 25, 37, 41, 49, 54, 86A, 96A, 146A, 148A, 276, 277, 278-279, 280, 281, 282A, 284, 306, 307, 310, 314A, 320A, 329, 330, 332A, 334A, 344A, 392A, 396A, 512A, 588A, 652A
• Make a List	14, 16A, 24, 25, 31, 40A, 62A, 68A, 100A, 168, 290A, 292A, 324, 325, 326A, 326B, 326, 327, 328, 329, 330, 331, 332A, 335, 353, 357, 361, 374A, 384A, 392A, 396A, 406A, 513, 530A, 666, 667, 692A, 717
• Make a table	34A, 76A, 80A, 140A, 140B, 140, 141, 142, 144, 146A, 152A, 181, 192A, 200A, 222A, 234A, 516A

Skills and Concepts	Teacher's Edition
<ul style="list-style-type: none"> <li>• <b>Find a Pattern</b></li> </ul>	11, 16A, 26, 49, 51, 59, 88, 89, 90, 90A, 91, 92, 93, 94A, 109, 111, 113, 116, 120, 122, 124A, 128, 128A, 132A, 136B, 136, 140A, 143, 150A, 152, 152A, 160A, 166A 172, 173, 177, 181, 196A, 303, 312I, 329, 355, 359, 367, 368A, 371, 372A, 374A, 377, 378, 379, 380A, 406B, 406, 407, 439, 444A, 584A, 649, 651, 667
<ul style="list-style-type: none"> <li>• <b>Work Backwards</b></li> </ul>	4A, 8A, 10A, 12A, 20A, 22A, 24A, 30A, 32A, 34A, 38A, 40A, 136A, 140A, 176, 204A, 206A, 460A, 464A, 600, 600A, 648A 712, 714A-714B, 714, 715, 716A 718, 723, 730, 733
<ul style="list-style-type: none"> <li><b>Solve a simpler problem</b></li> </ul>	10A, 22A, 38A, 72A, 64A, 68A, 90A, 102A, 158, 164A, 168A, 182, 190A, 192A, 216A, 270A, 340A, 372A, 380A, 386A, 390A, 402A, 408A, 412A, 444A, 488, 448A, 524A, 562A, 578A, 594A 646-647, 648A-648B, 648, 649, 650, 652A, 654A, 667, 675, 680, 684, 688A, 692A, 696A
<ul style="list-style-type: none"> <li>• <b>Draw a Diagram</b></li> </ul>	35, 36, 90A 160, 162, 168, 586
<ul style="list-style-type: none"> <li>• <b>Write an Equation</b></li> </ul>	24A, 25, 27, 28A, 32A, 42, 48A, 53, 57, 62A, 72A, 75, 76A, 78, 80A, 81, 84, 86A, 87, 93, 96A, 96B, 102, 103, 105, 110, 112, 116, 119, 126, 130, 143, 149, 152A, 156B, 166A, 168, 176, 177, 222A, 226A, 289, 314A, 347, 373, 382, 385, 389, 391, 392B, 393, 394, 395, 396, 397, 400, 402A, 403, 404A, 409, 412, 422, 423, 429, 434A, 437, 440A, 452A, 456A, 460A, 468A, 476A, 478A, 488, 448A, 474A, 500A, 502A, 596A

Skills and Concepts	Teacher's Edition
<b>• Use Logical Deduction</b>	18, 19, 21, 38, 39, 76, 77, 80, 90, 91, 101, 140, 141, 142, 154, 155, 156A, 160A, 198, 199, 204B, 207, 216B, 222B, 222, 223, 226B, 228, 230A, 232B, 235, 256A, 258A, 262A, 273, 274A, 286, 287, 288A, 288B, 289, 296, 303, 312J, 315, 316A, 318, 333, 334, 337, 338B, 339, 342, 343, 344B, 345, 353, 359, 396A, 396B, 397, 402A, 402B, 402, 403, 406B, 406, 408A, 412A, 421, 449, 451, 453, 488, 500A, 504A, 512B, 515, 516B, 518, 520B, 522B, 524B, 526, 529, 534B, 538A, 583, 584-585, 586, 588A, 589, 590A, 593, 595, 596A, 598, 599, 611, 612, 615, 619, 628A, 632A, 636A, 638A, 648-649, 642A, 652A, 656A, 657, 662A

**Concepts and Principles of Measurement**—includes customary and metric units of measure around time, money, size, temperature, and weight, and the use of them in both calculating and estimating measurements.

RIT scores between 201 and 210	
Skills and Concepts	Teacher's Edition
<i>Length, Weight, Volume</i>	
• Find the volume of a figure using cubic units	476A, 476B, 476, 477, 480, 493, 500A, 502A
• Perform conversions between units of mass in the metric system; also as necessary in addition or subtraction problems	4A, 326A, 366A 658, 659, 660, 666A
• Select appropriate unit of measure for length and area	112, 468A, 468B, 468, 469, 470, 471, 476A, 478, 487, 493, 497, 500A, 508A, 513, 560J, 588A, 588, 589, 590A, 592, 593, 604, 605, 610, 616, 626, 653, 654A, 654B, 656, 656A, 657, 674, 690, 684, 710A
• Find the volume of rectangular solids using the formula	476A, 476B, 476, 477, 478A, 480, 481, 487, 493, 534A, 568A
<i>Area, Perimeter, Circumference</i>	
• Find the perimeter of a square or rectangle using the formula	50, 244, 464A, 464B, 464, 465, 466, 467, 478A, 480, 481, 487, 488, 493, 496, 521, 550, 676
• Solve practical word problems involving perimeter and area of a square, rectangle, or triangle	34A, 112, 198A, 256A, 342A, 464B, 466, 469, 472, 473, 474, 475, 476A, 478A, 481, 488, 497, 508A, 522A, 540A, 585, 600B, 624A, 648A
• Calculate the area of a triangle	Refer to Grade 5: 554, 555
<i>Time, Temperature</i>	
• Compute basic operations with units of time (include basic concept of time zones)	50, 118, 194, 196A, 196B, 196, 197, 198A, 198B, 198, 199, 202, 208a, 215, 216A, 219, 232A, 234A, 242, 243, 246, 250, 290A, 302, 354, 396A, 422, 460A, 488, 571, 592A, 612, 648A 691, 696A, 716A, 726

**Concepts and Language of Algebra, Functions, and Mathematical Models**— includes patterns, functions, solving equations, order of operations, properties, simplifying expressions and continues up through more difficult skills in Algebra specific content.

<b>RIT scores between 201 and 210</b>
---------------------------------------

Skills and Concepts	Teacher’s Edition
<i>Patterns, Sequences, Functions</i>	
• Use of a function “machine” to determine input and output	98-99, 98B, 105, 106, 127, 140, 141, 142, 164A, 164B, 164-165, 166A, 192A
<i>Solving Equations and Inequalities, Simplifying Expressions, Order of Operations</i>	
• Evaluate an expression having more than one operation (order of operations)	96A, 96B, 96-97, 160, 161
• Use the basic properties of multiplication to write an algebraic expression that is equivalent to a given algebraic expression	129, 288B, 288-289
• Solve equations involving more than one operation	96A, 96B, 96-97, 160, 161
• Multiply and divide polynomials	Related Content: 98, 99
• Solve equations involving rational numbers (addition and subtraction)	Refer to Grade 6: 412, 413
<i>Properties</i>	
• Use strategies to develop computational fluency with multiplication: zero property, property of one, arrays, doubles, nine patterns	129-130, 168A, 178, 184, 262A, 264A, 264B, 264-267, 270A, 305, 309, 314A-314B, 314-315, 320A, 320B, 320-323, 330, 342A, 353, 404A
• Use the basic properties of addition to write an algebraic expression equivalent to a given algebraic expression	62, 63, 76, 77, 78, 396, 397, 398

---

Skills and Concepts	Teacher's Edition
<b>• Understand the properties of integers: commutative, associative, identity, zero property of multiplication, distributive property of multiplication over addition, and inverse property of addition</b>	62, 129, 130, 131, 132, 288B, 288-289, 307, 311

**Concepts and Principles of Geometry—includes properties of two- and three-dimensional objects, points, rays, lines, and angles including congruency, similarities, and transformations, surface area, the coordinate plane, trigonometry and the Pythagorean Theorem.**

**RIT scores between 201 and 210**

Skills and Concepts	Teacher’s Edition
<i>Shapes and Figures, 2- and 3-dimensional</i>	
• Identify faces, edges, and corners (vertices) on solid figures	270A, 434A, 434B, 434, 435, 436, 437, 438, 438A, 439, 440, 444, 450, 451, 455, 461, 484, 486, 487, 490, 494, 710A
• Identify polygons: triangle, quadrilateral, pentagon, and octagon	28A, 302, 354, 422, 432I, 434B, 434, 437, 438A, 438B, 438, 439, 440A, 444A, 444B, 444, 445, 446, 447, 449, 450, 451, 452, 452A, 456A, 460, 463, 475, 484, 487, 490, 491, 494, 504A, 508A, 536A, 588A, 630A, 638A
• Identify quadrilaterals: square, rectangle, and parallelogram	196A, 258A, 302, 434B, 434, 437, 438A, 438B, 438, 439, 444A, 444B, 444, 445, 446, 447, 448A 449, 450, 452, 456A, 460, 463, 464, 484, 486, 487, 490, 494
• Identify, name, and analyze solid figures: cube, cylinder, triangular pyramid, and square pyramid (faces, edges, and vertices)	354, 422, 432, 434A, 434B, 434, 435, 436, 437, 438A, 448, 450, 456A, 460B, 460, 475, 484, 486, 487, 490, 494, 500A, 502A, 508A, 538A 676
<i>Symmetry and Transformations</i>	
• Identify mirror images	452A, 452B, 452, 453, 454, 455, 456, 456A, 462, 463, 485, 491, 496, 504A, 676, 710A
<i>Congruency and Similarity</i>	
• Identify congruent figures, angles, and line segments	282A, 402A, 452A, 452B, 452, 453, 454, 455, 456A, 457, 458A, 458, 459, 460A, 462, 484, 487, 488, 490, 491, 492, 495, 496, 504A, 524A, 538A



Skills and Concepts	Teacher's Edition
<i>Geometric Properties and Terminology</i>	
<ul style="list-style-type: none"> <li>• Identify points, lines, line segments, rays, planes, and angles</li> </ul>	38A, 100A, 178, 440A, 440B, 440, 441, 442, 443, 444A, 444, 445, 447, 448, 450, 451, 458A, 459, 484, 486, 487, 488, 490, 491, 494, 504A, 536A, 540A
<ul style="list-style-type: none"> <li>• Identify the diameter of a circle</li> </ul>	448A, 449B, 448, 449, 450, 452A, 491, 495, 508A
<ul style="list-style-type: none"> <li>• Identify intersecting, parallel, and perpendicular lines</li> </ul>	440A, 440B, 440, 441, 442, 443, 447, 450, 451, 484, 490, 494
<ul style="list-style-type: none"> <li>• Calculate the surface area of a rectangular prism</li> </ul>	471
<ul style="list-style-type: none"> <li>• Identify angles according to their measure: right obtuse, and acute</li> </ul>	38A, 100A, 458A, 486, 490, 494, 504A

**Data Analysis, Probability, and Statistics**—Students determine the mathematical probability of events, calculate measures of central tendency, and work with combinations and permutations. Interpret and predict information from charts, graphs, and tables.

RIT scores between 201 and 210

Skills and Concepts	Teacher's Edition
<i>Probability and Prediction</i>	
• Compute simple probability outcomes	10A, 16A, 28A, 22A, 34A, 40A, 51, 113, 245, 286A, 303, 338A, 406A, 423, 522A, 590A, 642A, 704A-704B, 704-705, 706A, 706B, 706-707, 710A-710B, 716A-716B, 718-719, 723, 729, 732-733
• Determine the probability of an outcome (multiple events)	Related Content: 10A, 16A, 28A, 22A, 34A, 40A, 51, 113, 245, 286A, 303, 338A, 406A, 423, 522A, 590A, 642A, 704A-704B, 704-705, 706A, 706B, 706-707, 710A-710B, 716A-716B, 718-719, 723, 729, 732-733
• Use the counting principle to determine probability	704, 705
<i>Statistics</i>	
• Solve practical problems involving the mean (average) of a set of numbers	404-405, 406A, 406A, 411, 412, 414-415, 420, 421, 423, 427, 431, 438A, 464A, 504A, 564A, 727
<i>Data Analysis</i>	
• Solve problems using information from a picture graph (symbol may represent more than one)	204A-204B, 204-205, 215, 224, 238-239, 242, 243, 247, 251, 303, 307, 448A, 613
• Interpret data given in percent form on a circle graph and broken line graph	Related Content: 536A, 536B, 536, 537, 549, 555, 559