

Prentice Hall Mathematics, Course 2 © 2008
Correlated to:
Nevada Mathematics Process and Content Standards (Grade 7)

NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Process Standard A: Students will develop their ability to solve problems by engaging in developmentally appropriate opportunities where there is a need to use various approaches to investigate and understand mathematical concepts in order to:	
For Grades K-12:	
<ul style="list-style-type: none"> · Formulate their own problems · Find solutions to problems from everyday situations · Develop and apply strategies to solve a variety of problems · Integrate mathematical reasoning, communication and connections 	
For Grades 6-8:	
Generalize solutions and apply previous knowledge to new problem solving situations	SE/TE: xxxiv-xli, 22 (#23), 64-65, 70 (#30), 116-117, 128 (#35), 138 (#32), 164-165, 189 (#35), 224-225, 230 (#26), 240 (#28), 270-271, 300 (#21), 320-321, 370-371, 432-433, 439 (#14), 458 (#8), 466-467, 482-483, 528-529, 569 (#15), 576-577, 622-623
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
Determine an efficient strategy, verify, interpret, and evaluate the results with respect to the original problem	SE/TE: 28 (More Than One Way), 29 (#22), 76 (More Than One Way), 78 (#47), 92 (Quick Check 1), 143 (More Than One Way), 144 (#38), 202 (More Than One Way), 246 (More Than One Way), 248 (#36b), 312 (More Than One Way), 314 (#34), 332 (More Than One Way), 390, 391 (#9), 473 (More Than One Way), 474 (#22), 505 (More Than One Way), 507 (#31), 534 (More Than One Way), 600 (More Than One Way), 602 (#27-28)
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Apply problem solving strategies until a solution is found or it is clear that no solution exists	SE/TE: xxxiv-xli, 22 (#23), 64-65, 70 (#30), 116-117, 128 (#35), 138 (#32), 164-165, 189 (#35), 224-225, 230 (#26), 240 (#28), 270-271, 300 (#21), 320-321, 370-371, 432-433, 439 (#14), 458 (#8), 466-467, 482-483, 528-529, 569 (#15), 576-577, 622-623
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Interpret and solve a variety of mathematical problems by paraphrasing	SE/TE: xxxiv-xli, 24 (Gas Up!), 25 (#4a, 5a), 80 (Movie Rentals), 81 (#4a-4b, 5a-5b), 146 (Sale), 147 (#3a-3b, 4a-4b), 192 (Big Burgers), 193 (#3a), 302 (Braces Are Cool!), 303 (#3a-3b, 4a-4b), 359 (Percents and Circle Graphs), 360 (#2a, 3a), 398 (Areas of Irregular Figures), 399 (#3a), 466 (Solving Pattern Problems), 467 (#4a), 496 (Jobs), 497 (#3a), 558 (Poll), 559 (#3a, 4a), 604 (Practice with Probability), 605 (#3a)
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Identify necessary and extraneous information	SE/TE: xxxiv-xli, 24 (Gas Up!), 25 (#4a, 5a), 80 (Movie Rentals), 81 (#4a, 5a), 105 (#32), 146 (Sale), 147 (#3a, 4a), 192 (Big Burgers), 193 (#3a), 208 (#38), 302 (Braces Are Cool!), 303 (#3a, 4a), 359 (Percents and Circle Graphs), 360 (#2a, 3a), 398 (Areas of Irregular Figures), 399 (#3a), 466 (Solving Pattern Problems), 467 (#4a), 496 (Jobs), 497 (#3a), 558 (Poll), 559 (#3a, 4a), 604 (Practice with Probability), 605 (#3a)

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Check the reasonableness of a solution	SE/TE: 8 (Example 1), 14 (Example 1), 24 (Gas Up!), 27 (Example 2), 127 (Example 3), 130 (Example 1), 131 (Example 2-3), 137 (Example 3), 142 (Example 3), 146 (Sale!), 192 (Big Burgers), 201 (Quick Check 2), 233 (Example 2), 280 (Example 3), 285 (Example 4), 299 (Example 3), 302 (Braces Are Cool!), 329 (Example), 359 (Percents and Circle Graphs), 384 (Example 1), 423 (Example 3), 446 (Example 1), 462 (Example 3)
	TR: Print Resources: 1-2, 1-3, 1-4, 1-5, 3-2, 3-3, 3-4, 3-5, 4-6, 5-2, 6-2, 6-3, 6-6, 8-3, 8-10, 9-3, 9-6; Daily Notetaking Guide: 1-2, 1-3, 1-4, 1-5, 3-2, 3-3, 3-4, 3-5, 4-6, 5-2, 6-2, 6-3, 6-6, 8-3, 8-10, 9-3, 9-6; Adapted Daily Notetaking Guide: 1-2, 1-3, 1-4, 1-5, 3-2, 3-3, 3-4, 3-5, 4-6, 5-2, 6-2, 6-3, 6-6, 8-3, 8-10, 9-3, 9-6
	TECH: Calculators; Transparencies: 1-2, 1-3, 1-4, 1-5, 3-2, 3-3, 3-4, 3-5, 4-6, 5-2, 6-2, 6-3, 6-6, 8-3, 8-10, 9-3, 9-6; Interactive Textbook Online: 1-2, 1-3, 1-4, 1-5, 3-2, 3-3, 3-4, 3-5, 4-6, 5-2, 6-2, 6-3, 6-6, 8-3, 8-10, 9-3, 9-6; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Apply technology as a tool in problem solving situations	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: xxxiv-xli, 22 (#23), 64-65, 70 (#30), 116-117, 128 (#35), 138 (#32), 164-165, 189 (#35), 224-225, 230 (#26), 240 (#28), 270-271, 300 (#21), 320-321, 370-371, 432-433, 439 (#14), 458 (#8), 466-467, 482-483, 528-529, 569 (#15), 576-577, 622-623

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Process Standard B: Students will develop their ability to communicate mathematically by solving problems where there is a need to obtain information from the real world through reading, listening, and observing in order to:	
For Grades K-12:	
<ul style="list-style-type: none"> · Translate information into mathematical language and symbols · Process information mathematically · Present results in written, oral, and visual formats · Discuss and exchange ideas about mathematics as a part of learning · Read a variety of fiction and nonfiction texts to learn about mathematics 	
For Grades 6-8:	
Use formulas, algorithms, inquiry, and other techniques to solve mathematical problems	SE/TE: xxxiv-xli, 64-65, 116-117, 135, 140, 164-165, 178-179, 199, 224-225, 242-243, 249-250, 270-271, 302-303, 320-321, 335, 359-360, 370-371, 398-399, 432-433, 466-467, 482-483, 496-497, 528-529, 576-577, 622-623
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Evaluate written and oral presentations in mathematics	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 64-65, 116-117, 164-165, 224-225, 270-270, 320-321, 370-371, 432-433, 482-483, 528-529, 576-577, 622-623, 624-629
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Identify and translate key words and phrases that imply mathematical operations	SE/TE: 169, 170 (Example 2, Quick Check 2), 171 (#2-3, 12-16, 31), 172 (#34, 38, 40), 174 (Check Skills You'll Need #2-4), 176 (#24-25), 177 (#33, 38), 183 (#22-24, 29), 184 (#37, 39), 189 (#35), 190 (#52), 191 (Checkpoint Quiz 1 #1-4, 9), 193 (#3b, 4a), 194 (Example 1, Quick Check 1), 197 (#8-12, 27), 198 (#38, 44), 199 (#10), 203 (#29-34), 209 (Checkpoint Quiz 2 #7), 213 (#34, 36), 217 (#34-38), 221 (#26), 222 (#19-24, 40-42), 223 (#8, 15a, 16a), 636 (#1-4, 34)
	TR: Print Resources: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9; Daily Notetaking Guide: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9; Adapted Daily Notetaking Guide: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9
	TECH: Calculators; Transparencies: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9; Interactive Textbook Online: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-9; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
Model and explain mathematical relationships using oral, written, graphic, and algebraic methods	SE/TE: 19 (Activity, #1-3), 41 (#7-12, 19-24), 125 (Example 1-2, #3-6), 135 (Activity, #4-9), 138 (#7-14), 140 (Example, #2-5), 144 (#9-20, 35, 40), 169, 170 (Example 2, Quick Check 2), 171 (#4-7, 12-16, 31), 172 (#32-34, 37-38, 40), 176 (#24-25), 177 (#33, 38, 40-42), 179, 183 (#5-16, 22-24, 29), 187 (Quick Check 2), 189 (#9-20, 35), 199, 201 (Quick Check 3), 203 (#29-34), 207 (#24-28), 208 (#31-32), 221 (#26-28, 33), 274 (Example 2, Quick Check 2), 276 (#2, 10-14)
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775

NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Use everyday language, both orally and in writing, to communicate strategies and solutions to mathematical problems	SE/TE: 10 (#34), 85 (#34), 90 (#39), 94 (#40), 105 (#28), 108 (#29), 123 (#43), 213 (#37), 217 (#39), 231 (#29), 248 (#37), 263 (#24), 277 (#26), 282 (#31), 327 (#43), 339 (#19), 349 (#13), 378 (#25), 383 (#24), 387 (#24), 392 (#16), 397 (#27), 402 (#33), 408 (#24)
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Process Standard C: Students will develop their ability to reason mathematically by solving problems where there is a need to investigate mathematical ideas and construct their own learning in all content areas in order to:	
<p>For Grades K-12:</p> <ul style="list-style-type: none"> · Reinforce and extend their logical reasoning abilities · Reflect on, clarify, and justify their thinking · Ask questions to extend their thinking · Use patterns and relationships to analyze mathematical situations · Determine relevant, irrelevant, and/or sufficient information to solve mathematical problems 	
For Grades 6-8:	
Recognize and apply deductive and inductive reasoning	SE/TE: 9 (Example 3), 15 (Example 2), 24 (Gas Up!), 36-37, 49 (Example 3), 63 (#5-8), 80 (Movie Rentals), 115 (#1-3), 146 (Sale!), 168, 175 (Example 2), 192 (Big Burgers), 249 (Muscles), 302 (Braces are Cool!), 398 (Mosaic), 442, 443 (Example 2, Quick Check 2), 444 (#4-13, 20), 445 (#23-25, 27, 29-31), 446, 447 (Example 3, Quick Check 3), 448 (#3-6, 13-20), 449 (#21-22, 24, 26), 450 (Checkpoint Quiz 1 #2-7, 9)
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
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Review and refine the assumptions and steps used to derive conclusions in mathematical arguments	SE/TE: 23 (#26), 42 (#37), 47 (#34), 51 (#33), 85 (#34), 90 (#39), 94 (#40), 108 (#29), 114 (#28), 123 (#43), 248 (#37), 263 (#24), 277 (#26), 306 (#22), 313 (#31), 339 (#19), 378 (#25), 392 (#16), 402 (#33), 408 (#24), 425 (#19), 449 (#24b), 455 (#25), 536 (#15), 595 (#24)
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
Justify answers and the steps taken to solve problems with and without manipulatives and physical models	SE/TE: 5 (Example 2), 9 (Example 3), 15 (Example 2), 24 (Gas Up!), 49 (Example 3), 52 (Example 1-2, #1-6), 80 (Movie Rentals), 146 (Sale!), 192 (Big Burgers), 195 (Example 3), 196 (Example 4), 200 (Example 1), 201 (Example 2-3), 210 (Example 1), 211 (Example 2-3), 215 (Example 1-2), 216 (Example 3), 245 (Example 2-3), 249 (Muscles), 302 (Braces are Cool!), 359 (Percents and Circle Graphs), 398 (Mosaic), 466 (Solving Pattern Problems), 496 (Jobs), 558 (Poll)
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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Process Standard D: Students will develop the ability to make mathematical connections by solving problems where there is a need to view mathematics as an integrated whole in order to:	
For Grades K-12: <ul style="list-style-type: none"> · Link new concepts to prior knowledge · Identify relationships between content strands · Integrate mathematics with other disciplines · Allow the flexibility to approach problems in a variety of ways within and beyond the field of mathematics 	
For Grades 6-8:	
Use mathematical ideas from one area of mathematics to explain an idea from another area of mathematics	SE/TE: 71 (#32, 40), 241 (#36)
	TR: Print Resources: 2-1, 5-3; Daily Notetaking Guide: 2-1, 5-3; Adapted Daily Notetaking Guide: 2-1, 5-3
	TECH: Calculators; Transparencies: 2-1, 5-3; Interactive Textbook Online: 2-1, 5-3; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Use manipulatives and physical models to explain the relationships between concepts and procedures	SE/TE: 19, 36-37, 43, 86, 135 (Activity), 140, 179, 199, 258, 335, 379, 393 (Activity Lab 8-5a), 426, 441
	TR: Print Resources: 1-4, 1-7, 1-8, 2-4, 3-4, 3-5, 4-3, 4-6, 5-6, 7-3, 8-2, 8-5, 8-10, 9-2; Daily Notetaking Guide: 1-4, 1-7, 1-8, 2-4, 3-4, 3-5, 4-3, 4-6, 5-6, 7-3, 8-2, 8-5, 8-10, 9-2; Adapted Daily Notetaking Guide: 1-4, 1-7, 1-8, 2-4, 3-4, 3-5, 4-3, 4-6, 5-6, 7-3, 8-2, 8-5, 8-10, 9-2
	TECH: Calculators; Transparencies: 1-4, 1-7, 1-8, 2-4, 3-4, 3-5, 4-3, 4-6, 5-6, 7-3, 8-2, 8-5, 8-10, 9-2; Interactive Textbook Online: 1-4, 1-7, 1-8, 2-4, 3-4, 3-5, 4-3, 4-6, 5-6, 7-3, 8-2, 8-5, 8-10, 9-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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Use the connections among mathematical topics to develop multiple approaches to problems	SE/TE: 28 (More Than One Way), 76 (More Than One Way), 143 (More Than One Way), 202 (More Than One Way), 246 (More Than One Way), 312 (More Than One Way), 332 (More Than One Way), 390, 473 (More Than One Way), 505 (More Than One Way), 534 (More Than One Way), 600 (More Than One Way)
	TR: Print Resources: 1-5, 2-2, 3-5, 4-6, 5-4, 6-8, 7-2, 8-4, 9-8, 10-4, 11-1, 12-4; Daily Notetaking Guide: 1-5, 2-2, 3-5, 4-6, 5-4, 6-8, 7-2, 8-4, 9-8, 10-4, 11-1, 12-4; Adapted Daily Notetaking Guide: 1-5, 2-2, 3-5, 4-6, 5-4, 6-8, 7-2, 8-4, 9-8, 10-4, 11-1, 12-4
	TECH: Calculators; Transparencies: 1-5, 2-2, 3-5, 4-6, 5-4, 6-8, 7-2, 8-4, 9-8, 10-4, 11-1, 12-4; Interactive Textbook Online: 1-5, 2-2, 3-5, 4-6, 5-4, 6-8, 7-2, 8-4, 9-8, 10-4, 11-1, 12-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Apply mathematical thinking and modeling to solve problems that arise in other disciplines, such as rhythm in music and motion in science	SE/TE: 4 (Example 1), 11 (#37, 39), 51 (#29-30), 84 (#27-28), 99 (#28), 100 (#36), 145 (#44), 151 (#39), 157 (#27), 183 (#24, 29), 231 (#30), 235 (#27), 260 (Example 2), 262 (#12-15, 20-21), 276 (#18, 20), 286 (#32, 34), 307 (#24), 325 (Example 2), 375 (Example 3), 383 (#22), 389 (Example 2), 391 (#7-8), 397 (#26), 537 (Example, #4), 573 (#16)
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Identify, explain, and apply mathematics in everyday life	SE/TE: 29 (#17-19, 22), 35 (Checkpoint Quiz 2 #10), 47 (#35, 38), 132 (#13, 22-23), 138 (#23, 33), 142 (Example 3, Quick Check 3), 144 (#33-34, 37-39), 145 (#46), 160 (#13, 18), 162 (#7, 17, 26, 35-36, 44-45), 176 (#24-25), 181 (Example 2, Quick Check 2), 187 (Example 2, Quick Check 2), 189 (#21-22, 35-36), 203 (#29-32), 211 (Example 3, Quick Check 3), 212 (#25), 217 (#18, 31-33), 280 (Example 3), 283 (#34, 38), 295 (Example 3, Quick Check 3), 318 (#17, 28-29, 34-36), 425 (#23), 468-470, 471 (#29-30)
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Content Standard 1.0 Students will accurately calculate and use estimation techniques, number relationships, operation rules, and algorithms; they will determine the reasonableness of answers and the accuracy of solutions to solve problems, communicate, reason, and make connections within and beyond the field of mathematics.	
At a minimum, students will maintain previous skills and attain the following at Grade 7:	
1.7.1 I/L	
Identify and use place value in mathematical and practical situations.	SE/TE: xxx (#1-4, 8-11), 2 (#7-21), 8 (Check Skills You'll Need #2-5), 658-660
	TR: Print Resources: 1-2; Daily Notetaking Guide: 1-2; Adapted Daily Notetaking Guide: 1-2
	TECH: Calculators; Transparencies: 1-2; Interactive Textbook Online: 1-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Write, identify, and use powers of 10 from 10^3 through 10^6 .	SE/TE: 106, 107 (Example 1, Quick Check 1-2), 108 (#3-5, 7-8, 10-11, 13-15, 17-22, 24, 27), 109 (#31-33), 110 (Example 1, #3-6, 9), 113 (#36-37), 114 (#52-53), 145 (#52-54), 620 (#31), 630 (#38-39), 664

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	TR: Print Resources: 2-8; Daily Notetaking Guide: 2-8; Adapted Daily Notetaking Guide: 2-8
	TECH: Calculators; Transparencies: 2-8; Interactive Textbook Online: 2-8; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
1.7.2 E/S	
Translate among fractions, decimals, and percents, including fractional percents.	SE/TE: 95 (Activity), 96-97, 99 (#3-5, 8-23, 29-30), 100 (#36b, 42), 102 (Check Skills You'll Need #2-4), 113 (#27-31), 114 (#43-50), 274 (Example 1, Quick Check 1), 275 (Quick Check 3, Example 4, Quick Check 4), 276 (#1, 3-5, 7-9, 15-20), 277 (#21-25, 29-30, 35), 279-280, 281 (Example 4, Quick Check 4), 282 (#1-2, 5-26, 30), 283 (#33-34, 36), 284-285, 286 (#1-5, 8-34), 287 (#35-40, 45, 50-51, 53-56), 288 (Checkpoint Quiz 1 #1-4, 6-7, 8-10), 304 (Check Skills You'll Need #2-5), 309 (Activity Lab 6-8a #3), 316 (#6-11), 318 (#1-13), 319 (#9), 578 (#13-22)
	TR: Print Resources: 2-6, 6-1, 6-2, 6-3; Daily Notetaking Guide: 2-6, 6-1, 6-2, 6-3; Adapted Daily Notetaking Guide: 2-6, 6-1, 6-2, 6-3
	TECH: Calculators; Transparencies: 2-6, 6-1, 6-2, 6-3; Interactive Textbook Online: 2-6, 6-1, 6-2, 6-3; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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1.7.3 I/S	
Compare and order a combination of rational numbers, including fractions, decimals, percents, and integers in mathematical and practical situations.	SE/TE: 32 (Example 3, Quick Check 3, Example 4, Quick Check 4), 33 (#32-44), 34 (#45a, 46-48), 57 (#36-37), 61 (#19-22), 62 (#23-26, 31), 66 (#5-10), 86, 87-88, 89 (#6-27), 90 (#30-38, 41), 94 (#43), 98, 99 (#24-28), 102-103, 104 (#2-24), 105 (#25-30), 113 (#16-20, 32-34), 114 (#31-33, 55), 166 (#15-18), 208 (#39-41), 226 (#11-14), 281 (Example 5, Quick Check 5), 282 (#27-29, 32), 530 (#1-2)
	TR: Print Resources: 1-6, 2-4, 2-6, 2-7, 6-2; Daily Notetaking Guide: 1-6, 2-4, 2-6, 2-7, 6-2; Adapted Daily Notetaking Guide: 1-6, 2-4, 2-6, 2-7, 6-2
	TECH: Calculators; Transparencies: 1-6, 2-4, 2-6, 2-7, 6-2; Interactive Textbook Online: 1-6, 2-4, 2-6, 2-7, 6-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
1.7.5 E/S	
Identify absolute values of integers.	SE/TE: 32 (Example 2, Quick Check 2), 33 (#22-31), 34 (#46-47, 50), 35 (Checkpoint Quiz 2 #9), 42 (#42-43), 61 (#20-22), 62 (#25-26), 630 (#21-24)
	TR: Print Resources: 1-6; Daily Notetaking Guide: 1-6; Adapted Daily Notetaking Guide: 1-6
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1.7.6 E/S	
Generate a reasonable estimate for a computation using a variety of methods.	SE/TE: 4-5, 6 (#6-26), 7 (#28-30, 32-33, 35), 11 (#38), 14, 16 (#11-19), 20 (Check Skills You'll Need #2-4), 21 (Example 2), 22 (#2), 34 (#52), 56 (#27), 60 (#6-9), 62 (#1-5, 11), 120-121, 122 (#11-33), 123 (#35-42, 44), 131 (Example 2-3), 137 (Example 3), 139 (#47-49), 189 (#38), 272 (#1-4), 292 (#5-7, 28-34, 36), 293 (#37-39, 44b, 46), 391 (#8), 596 (#1)
	TR: Print Resources: 1-1, 1-3, 1-4, 3-1, 3-2, 3-3, 3-4, 3-5, 5-2, 6-2, 6-3, 6-4, 6-6, 8-4; Daily Notetaking Guide: 1-1, 1-3, 1-4, 3-1, 3-2, 3-3, 3-4, 3-5, 5-2, 6-2, 6-3, 6-4, 6-6, 8-4; Adapted Daily Notetaking Guide: 1-1, 1-3, 1-4, 3-1, 3-2, 3-3, 3-4, 3-5, 5-2, 6-2, 6-3, 6-4, 6-6, 8-4
	TECH: Calculators; Transparencies: 1-1, 1-3, 1-4, 3-1, 3-2, 3-3, 3-4, 3-5, 5-2, 6-2, 6-3, 6-4, 6-6, 8-4; Interactive Textbook Online: 1-1, 1-3, 1-4, 3-1, 3-2, 3-3, 3-4, 3-5, 5-2, 6-2, 6-3, 6-4, 6-6, 8-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
Select and round to the appropriate significant digit.	SE/TE: xxx (#8-11), 2 (#17-21), 4, 6 (#6-11), 18 (Checkpoint Quiz 1 #1), 122 (#7-10, 20-27), 155 (Example 5-6, Quick Check 5-6), 156 (#18-23), 157 (#27, 35), 161 (#42-47), 395 (Quick Check 1, Example 2, Quick Check 2), 396 (#6-19), 397 (#22-24, 29), 399 (#4), 404 (#6), 406 (Example 3), 407 (#7, 12-15, 17), 408 (#18-20), 421 (Check Skills You'll Need #2-3), 424 (#11-13), 425 (#22), 430 (#7-8, 26, 31-34), 645 (#32, 34), 655, 660
	TR: Print Resources: 1-1, 3-1, 8-5, 8-7; Daily Notetaking Guide: 1-1, 3-1, 8-5, 8-7; Adapted Daily Notetaking Guide: 1-1, 3-1, 8-5, 8-7

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	TECH: Calculators; Transparencies: 1-1, 3-1, 8-5, 8-7; Interactive Textbook Online: 1-1, 3-1, 8-5, 8-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
1.7.7 I/S	
Calculate with integers and other rational numbers to solve mathematical and practical situations.	SE/TE: 8-9, 10 (#3-33), 11 (#35-43, 45-47), 12, 14-15, 16 (#4-6, 11-32), 17 (#33-36, 38-39, 41, 43-47), 18 (Checkpoint Quiz 1 #5-15), 20-21, 22 (#3-5, 7-26), 23 (#27-34, 37-38, 40-43), 38-40, 41 (#2, 4-27), 42 (#28-32, 37-38), 44-45, 46 (#3-30), 47 (#31-33, 35, 37b, 38), 48-49, 50 (#8-26), 51 (#29-32, 34-35, 38-41), 66 (#1-4, 11-17), 69, 70 (#3-5, 15-31), 118 (#1-8), 166 (#1-14)
	TR: Print Resources: 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 1-10, 3-2, 3-3, 3-4, 3-5, 6-4, 6-5, 6-6, 6-7; Daily Notetaking Guide: 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 1-10, 3-2, 3-3, 3-4, 3-5, 6-4, 6-5, 6-6, 6-7; Adapted Daily Notetaking Guide: 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 1-10, 3-2, 3-3, 3-4, 3-5, 6-4, 6-5, 6-6, 6-7
	TECH: Calculators; Transparencies: 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 1-10, 3-2, 3-3, 3-4, 3-5, 6-4, 6-5, 6-6, 6-7; Interactive Textbook Online: 1-2, 1-3, 1-4, 1-7, 1-8, 1-9, 1-10, 3-2, 3-3, 3-4, 3-5, 6-4, 6-5, 6-6, 6-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
Use order of operations to evaluate expressions with integers.	SE/TE: 48, 50 (#8-15), 51 (#32, 35), 53 (Check Skills You'll Need #2-4), 61 (#29), 66 (#15-17), 68 (Check Skills You'll Need #2-5), 69 (Example 3, Quick Check 3b-3c), 70 (#24-29), 71 (#42), 79 (Checkpoint Quiz 1 #1, 3), 90 (#44-46), 112 (#6, 8-9), 114 (#1-4), 157 (#39), 166 (#9-14), 169 (Check Skills You'll Need #2-5), 172 (#43), 184 (#43-44), 204 (#45), 235 (#33-35), 372 (#3-5), 434 (#1-4), 522 (#30), 630 (#37-44)

NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
	TR: Print Resources: 1-9, 2-1; Daily Notetaking Guide: 1-9, 2-1; Adapted Daily Notetaking Guide: 1-9, 2-1
	TECH: Calculators; Transparencies: 1-9, 2-1; Interactive Textbook Online: 1-9, 2-1; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
1.7.8 E/S	
Identify and apply the distributive, commutative, and associative properties of rational numbers to solve problems.	SE/TE: 9 (Example 3, Quick Check 3), 10 (#27-32), 15 (Example 2, Quick Check 2), 16 (#20-28), 23 (#41-43), 26 (Check Skills You'll Need #1), 31 (Check Skills You'll Need #1), 48 (Check Skills You'll Need #1-4), 49 (Example 3, Quick Check 3), 50 (#17-25), 51 (#33), 61 (#30), 62 (#12-14, 27-28), 133 (#37-39), 290 (Check Skills You'll Need #2-5), 621 (#40)
	TR: Print Resources: 1-2, 1-9; Daily Notetaking Guide: 1-2, 1-9; Adapted Daily Notetaking Guide: 1-2, 1-9
	TECH: Calculators; Transparencies: 1-2, 1-9; Interactive Textbook Online: 1-2, 1-9; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Content Standard 2.0 Students will use various algebraic methods to analyze, illustrate, extend, and create numerous representations (words, numbers, tables, and graphs) of patterns, functions, and algebraic relations as modeled in practical situations to solve problems, communicate, reason, and make connections within and beyond the field of mathematics.	
At a minimum, students will maintain previous skills and attain the following at Grade 7:	
2.7.1 E/S	
Use and create tables, charts, and graphs to extend a pattern in order to describe a linear rule, including integer values.	SE/TE: 172 (#32-33), 447 (Example 3, Quick Check 3), 452, 453 (Example 2, Quick Check 2), 454 (#8-11), 455 (#23), 459 (#14, 20a), 465 (Checkpoint Quiz 2 #1-3), 475 (#32), 479 (#14), 480 (#11-13, 21), 646 (#7-10)

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	TR: Print Resources: 4-1, 9-3, 9-4; Daily Notetaking Guide: 4-1, 9-3, 9-4; Adapted Daily Notetaking Guide: 4-1, 9-3, 9-4
	TECH: Calculators; Transparencies: 4-1, 9-3, 9-4; Interactive Textbook Online: 4-1, 9-3, 9-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
2.7.2 I/S	
Evaluate formulas and algebraic expressions for given integer values.	SE/TE: 170 (Example 4, Quick Check 4), 171 (#8-11, 25-30), 172 (#34), 191 (Math Games), 194 (Check Skills You'll Need), 220 (#6-9), 222 (#1-6), 381, 382 (#6-15, 17), 385, 386 (#12-17, 19), 387 (#21, 23, 26), 388 (Check Skills You'll Need #3), 389 (Quick Check 1b, Example 2), 391 (#5-11), 393 (Checkpoint Quiz 1 #3-5), 395 (Example 1, Quick Check 1-2), 396 (#6-16, 19), 397 (#21-26), 414 (Check Skills You'll Need #2-3), 421 (Check Skills You'll Need #2), 422, 424 (#3-4, 6, 8, 10, 11-12, 14), 434 (#8), 484 (#5-8)
	TR: Print Resources: 4-1, 8-2, 8-3, 8-4, 8-5, 8-9, 8-10; Daily Notetaking Guide: 4-1, 8-2, 8-3, 8-4, 8-5, 8-9, 8-10; Adapted Daily Notetaking Guide: 4-1, 8-2, 8-3, 8-4, 8-5, 8-9, 8-10
	TECH: Calculators; Transparencies: 4-1, 8-2, 8-3, 8-4, 8-5, 8-9, 8-10; Interactive Textbook Online: 4-1, 8-2, 8-3, 8-4, 8-5, 8-9, 8-10; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Solve and graphically represent equations and inequalities in one variable with integer solutions.	SE/TE: 179, 180-181, 182 (Example 3, Quick Check 3b), 183 (#5-16, 18-29), 184 (#31-37, 39-40), 186-187, 188 (Example 3, Quick Check 3), 189 (#9-20, 23-35), 190 (#39-44, 48, 52, 55-57), 191 (Checkpoint Quiz 1 #5-9), 195, 196 (Example 4, Quick Check 4), 197 (#21-26, 29), 200-201, 202 (More Than One Way, #2-4), 203, 204 (#35-37, 43, 46-48), 210-211, 212 (#3-24, 26), 213 (#28-34, 36, 38), 214-215, 216 (Example 3, Quick Check 3), 217 (#6-17, 19-30, 34-38), 218 (#40-42, 48-49), 226 (#7-10)
	TR: Print Resources: 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9; Daily Notetaking Guide: 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9; Adapted Daily Notetaking Guide: 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9
	TECH: Calculators; Transparencies: 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9; Interactive Textbook Online: 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8, 4-9; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
2.7.3 I/L	
Simplify algebraic expressions by combining like terms.	SE/TE: Not addressed in this text.
	TR: Not addressed in this text.
	TECH: Not addressed in this text.
2.7.4 I/S	
Generate and graph a set of ordered pairs to represent a linear equation.	SE/TE: 492 (Example 3, Quick Check 3), 493 (#2-3, 22-35), 494 (#42), 503 (Checkpoint Quiz 1 #4-7), 526 (#11-14, 23), 621 (#44a), 649 (#21-22)
	TR: Print Resources: 10-2; Daily Notetaking Guide: 10-2; Adapted Daily Notetaking Guide: 10-2

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
	TECH: Calculators; Transparencies: 10-2; Interactive Textbook Online: 10-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
2.7.5 I/S	
Identify linear equations and inequalities.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 492, 493 (#1), 504 (Check Skills You'll Need #1), 506 (#1)
	TR: Print Resources: 10-2; Daily Notetaking Guide: 10-2; Adapted Daily Notetaking Guide: 10-2
	TECH: Calculators; Transparencies: 10-2; Interactive Textbook Online: 10-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Model and solve equations using concrete and visual representations.	SE/TE: 179, 183 (#5-16), 186, 189 (#9-20), 192 (Big Burgers), 193 (#3-4), 195, 196 (Example 4, #2), 199, 202 (#1), 203 (#5-28), 204 (#43), 231 (#34), 297 (#39), 583 (#34)
	TR: Print Resources: 4-3, 4-4, 4-5, 4-6; Daily Notetaking Guide: 4-3, 4-4, 4-5, 4-6; Adapted Daily Notetaking Guide: 4-3, 4-4, 4-5, 4-6
	TECH: Calculators; Transparencies: 4-3, 4-4, 4-5, 4-6; Interactive Textbook Online: 4-3, 4-4, 4-5, 4-6; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Content Standard 3.0 Students will use appropriate tools and techniques of measurement to determine, estimate, record, and verify direct and indirect measurements to solve problems, communicate, reason, and make connections within and beyond the field of mathematics.	
At a minimum, students will maintain previous skills and attain the following at Grade 7:	
3.7.1 E/S	
Estimate and compare corresponding units of measure for area and volume/capacity between customary and metric systems.	SE/TE: 26 (Quick Check 1a), 29 (#8), 158 (#3, 10), 375 (Example 3, Quick Check 3), 376 (Example 4, Quick Check 4), 377 (#12-17), 378 (#23, 27-29), 383 (#22), 389 (Example 2, Quick Check 2), 391 (#8), 393 (Checkpoint Quiz 1 #1-2), 428 (#6), 430 (#1-2), 644 (#1-3)
	TR: Print Resources: 1-5, 3-7, 8-1; Daily Notetaking Guide: 1-5, 3-7, 8-1; Adapted Daily Notetaking Guide: 1-5, 3-7, 8-1
	TECH: Calculators; Transparencies: 1-5, 3-7, 8-1; Interactive Textbook Online: 1-5, 3-7, 8-1; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
3.7.2 W/L	
Given a measurement, identify the greatest possible error.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 154-155
	TR: Print Resources: 3-7; Daily Notetaking Guide: 3-7; Adapted Daily Notetaking Guide: 3-7
	TECH: Calculators; Transparencies: 3-7; Interactive Textbook Online: 3-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
3.7.3 I/S	
Select, model, and apply formulas to find the volume and surface area of solid figures.	SE/TE: 415, 416 (Example 3, Quick Check 4), 417 (#9-17), 418 (#18-23, 27), 420 (Checkpoint Quiz 2 #9-10), 422-423, 424 (#3-14), 425 (#20, 22, 24), 427 (#2), 429 (#19-21), 430 (#31-34), 431 (#6), 432 (#1b-1c, 2d), 542 (#30-32), 619 (#8), 621 (#46b), 644 (#24-26), 645 (#27, 36-37)
	TR: Print Resources: 8-9, 8-10; Daily Notetaking Guide: 8-9, 8-10; Adapted Daily Notetaking Guide: 8-9, 8-10
	TECH: Calculators; Transparencies: 8-9, 8-10; Interactive Textbook Online: 8-9, 8-10; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
3.7.4 E/S	
Calculate simple interest in monetary problems.	SE/TE: 468, 469 (Example 2, Quick Check 2), 470 (#2, 5-14), 479 (#20), 647 (#27)
	TR: Print Resources: 9-7; Daily Notetaking Guide: 9-7; Adapted Daily Notetaking Guide: 9-7
	TECH: Calculators; Transparencies: 9-7; Interactive Textbook Online: 9-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
3.7.5 I/S	
Write and apply proportions to solve mathematical and practical problems involving measurement and monetary conversions.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 27, 28 (#5-7), 29 (#11-22), 30 (#28-31, 33-35, 37-38), 34 (#53-55), 35 (Checkpoint Quiz 2 #4-6), 47 (#41-43), 61 (#15-17), 62 (#19-22), 149, 150 (#16-28, 30-31), 151 (#32-39, 41-42, 44), 154 (Check Skills You'll Need #2-6), 161 (#29-35), 162 (#37-42, 44-45), 223 (#7), 236, 374 (Check Skills You'll Need #2-4), 621 (#36), 630 (#17-20), 631 (#51), 634 (#25-30), 635 (#48-49), 667-669

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	TR: Print Resources: 1-5, 3-6, 5-2; Daily Notetaking Guide: 1-5, 3-6, 5-2; Adapted Daily Notetaking Guide: 1-5, 3-6, 5-2
	TECH: Calculators; Transparencies: 1-5, 3-6, 5-2; Interactive Textbook Online: 1-5, 3-6, 5-2; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
3.7.6 E/S	
Use elapsed time to solve practical problems.	SE/TE: Not addressed in this text.
	TR: Not addressed in this text.
	TECH: Not addressed in this text.
Content Standard 4.0 Students will identify, represent, verify, and apply spatial relationships and geometric properties to solve problems, communicate, and make connections within and beyond the field of mathematics.	
At a minimum, students will maintain previous skills and attain the following at Grade 7:	
4.7.1 E/S	
Identify, classify, compare, and draw regular and irregular polygons.	SE/TE: 336, 337 (Example 2, Quick Check 2), 338 (#3-11, 15), 339 (#16-18, 20, 24), 340, 341 (Example 1, Quick Check 1a-1b), 342 (Example 2, Quick Check 2, Example 3, Quick Check 3, #3-5), 343 (#6-12, 14-15), 344 (#19-21, 24a), 345 (Checkpoint Quiz 1 #8-11), 353 (#32), 367 (#10-15), 368 (#14-18, 33), 410 (Check Skills You'll Need #2-4), 642 (#11-14), 643 (#25)
	TR: Print Resources: 7-3, 7-4; Daily Notetaking Guide: 7-3, 7-4; Adapted Daily Notetaking Guide: 7-3, 7-4
	TECH: Calculators; Transparencies: 7-3, 7-4; Interactive Textbook Online: 7-3, 7-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Find and verify the sum of the measures of interior angles of triangles and quadrilaterals.	SE/TE: 335

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	TR: Print Resources: 7-3; Daily Notetaking Guide: 7-3; Adapted Daily Notetaking Guide: 7-3
	TECH: Calculators; Transparencies: 7-3; Interactive Textbook Online: 7-3; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.2 I/L	
Make scale drawings using ratios and proportions.	SE/TE: 258 (#1-2)
	TR: Print Resources: 5-6; Daily Notetaking Guide: 5-6; Adapted Daily Notetaking Guide: 5-6
	TECH: Calculators; Transparencies: 5-6; Interactive Textbook Online: 5-6; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.3 I/S	
Demonstrate translation, reflection, and rotation using coordinate geometry and models.	SE/TE: 510, 511 (Example 2, Quick Check 2), 512 (#5-14), 514 (Check Skills You'll Need #2-4), 515, 516 (#10-17), 517 (#29), 518 (Checkpoint Quiz 2 #6-9), 520 (Example 3, Quick Check 3), 521 (#13-16), 522 (#27), 523 (Example), 525 (#19-22), 526 (#25-27), 648 (#18-19)
	TR: Print Resources: 10-5, 10-6, 10-7; Daily Notetaking Guide: 10-5, 10-6, 10-7; Adapted Daily Notetaking Guide: 10-5, 10-6, 10-7
	TECH: Calculators; Transparencies: 10-5, 10-6, 10-7; Interactive Textbook Online: 10-5, 10-6, 10-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Describe the location of the original figure and its transformation on a coordinate plane.	SE/TE: 509 (#1-3), 511 (Example 3, Quick Check 3), 512 (#4, 15-17), 513 (#18-25, 27), 515 (Example 3, Quick Check 3), 516 (#4, 18), 517 (#25, 27-28), 522 (#26), 525 (#22), 526 (#28-29), 527 (#7), 648 (#14-17), 649 (#26)
	TR: Print Resources: 10-5, 10-6, 10-7; Daily Notetaking Guide: 10-5, 10-6, 10-7; Adapted Daily Notetaking Guide: 10-5, 10-6, 10-7
	TECH: Calculators; Transparencies: 10-5, 10-6, 10-7; Interactive Textbook Online: 10-5, 10-6, 10-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.4 I/L	
Make a model of a three-dimensional figure from a two-dimensional drawing.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 409 (#4-5), 613 (#33)
	TR: Print Resources: 8-8; Daily Notetaking Guide: 8-8; Adapted Daily Notetaking Guide: 8-8
	TECH: Calculators; Transparencies: 8-8; Interactive Textbook Online: 8-8; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Make a two-dimensional drawing of a three-dimensional figure.	SE/TE: 409 (Example, #1-3), 411 (Example 2, Quick Check 2), 412 (#12-14), 414-415, 416 (Example 3), 417 (#5-8), 471 (#34-35), 621 (#46a), 645 (#35)
	TR: Print Resources: 8-8, 8-9; Daily Notetaking Guide: 8-8, 8-9; Adapted Daily Notetaking Guide: 8-8, 8-9
	TECH: Calculators; Transparencies: 8-8, 8-9; Interactive Textbook Online: 8-8, 8-9; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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4.7.5 I/S	
Determine slope of a line, midpoint of a segment, and the horizontal and vertical distance between two points using coordinate geometry.	SE/TE: 498, 499 (Example 2, Quick Check 2), 500 (#3-9, 12), 501 (#14-16, 19b, 22), 502 (Example, #1-4, 6-9), 503 (Checkpoint Quiz 1 #8), 526 (#15-18), 648 (#4-6), 649 (#23)
	TR: Print Resources: 10-3; Daily Notetaking Guide: 10-3; Adapted Daily Notetaking Guide: 10-3
	TECH: Calculators; Transparencies: 10-3; Interactive Textbook Online: 10-3; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.6 I/S	
Describe the geometric relationships of parallel lines, perpendicular lines, triangles, quadrilaterals and bisectors.	SE/TE: 325, 336-337, 339 (#22b), 340, 362, 363 (#18), 366 (#1-2, 4)
	TR: Print Resources: 7-1, 7-3, 7-4, 7-8; Daily Notetaking Guide: 7-1, 7-3, 7-4, 7-8; Adapted Daily Notetaking Guide: 7-1, 7-3, 7-4, 7-8
	TECH: Calculators; Transparencies: 7-1, 7-3, 7-4, 7-8; Interactive Textbook Online: 7-1, 7-3, 7-4, 7-8; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.7 I/S	
Model the Pythagorean Theorem and solve for the hypotenuse.	SE/TE: 405, 406 (Example 3, Quick Check 3), 407 (#3-8, 12, 15-16), 408 (#18, 22), 420 (Checkpoint Quiz 2 #3), 429 (#15), 430 (#23, 26), 475 (#33), 644 (#22), 645 (#34)
	TR: Print Resources: 8-7; Daily Notetaking Guide: 8-7; Adapted Daily Notetaking Guide: 8-7

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	TECH: Calculators; Transparencies: 8-7; Interactive Textbook Online: 8-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.6.8 W/L	
Construct and identify congruent angles, parallel lines, and perpendicular lines.	SE/TE: 325 (Example 2a, Quick Check 2a), 326 (#7, 17-18), 327 (#23, 30), 328 (#3), 334 (#31), 347 (Example 3a, Quick Check 3a), 348 (#7-9), 349 (#17-21), 362 (Example 2, Quick Check 2), 363 (#11-14, 17-18), 367 (#23), 368 (#1, 12), 642 (#11-16, 20-21)
	TR: Print Resources: 7-1, 7-5, 7-8; Daily Notetaking Guide: 7-1, 7-5, 7-8; Adapted Daily Notetaking Guide: 7-1, 7-5, 7-8
	TECH: Calculators; Transparencies: 7-1, 7-5, 7-8; Interactive Textbook Online: 7-1, 7-5, 7-8; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
4.7.9 I/L	
Make and test conjectures to explain observed mathematical relationships and to develop logical arguments to justify conclusions.	SE/TE: 58 (#2), 73 (#7), 168, 251 (#4), 335, 353 (#29-30), 441 (Activity, #1a, 2a), 442-443, 444 (#4-13), 445 (#23-25, 27, 29, 31), 446, 447 (Example 3, Quick Check 3), 448 (#3-6, 13-18, 20), 449 (#21-22, 24a, 26), 450 (Checkpoint Quiz 1 #4-7, 9), 451 (Activity), 454 (#3-4, 8-11), 455 (#22-23, 25, 29), 456 (Check Skills You'll Need #2-4), 465 (Checkpoint Quiz 2 #1-3), 466 (Solving Pattern Problems, #3), 478 (#12), 479 (#14-15), 480 (#1-6, 11-13, 20-21), 566 (#4, 7)
	TR: Print Resources; Daily Notetaking Guide; Adapted Daily Notetaking Guide
	TECH: Calculators; Transparencies; Interactive Textbook Online; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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Nevada Mathematics Process and Content Standards (Grade 7)

NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
Content Standard 5.0 Students will collect, organize, display, interpret, and analyze data to determine statistical relationships and probability projections to solve problems, communicate, reason, and make connections within and beyond the field of mathematics.	
At a minimum, students will maintain previous skills and attain the following at Grade 7:	
5.7.1E/S	
Formulate questions that guide the collection of data.	SE/TE: 549 (Activity Lab 11-4a #1), 552 (#16)
	TR: Print Resources: 11-4; Daily Notetaking Guide: 11-4; Adapted Daily Notetaking Guide: 11-4
	TECH: Calculators; Transparencies: 11-4; Interactive Textbook Online: 11-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Organize, display, and read data using the appropriate graphical representations (with and without technology).	SE/TE: 532-535, 536 (#14, 17-19), 537, 538-540, 541 (#18-22, 24), 542 (#26-28), 543 (#1-5, 7-8, 10), 544-545, 546 (#2-14), 547 (#15-16, 18), 549 (Checkpoint Quiz 1 #1-10, Activity Lab 11-4a #4), 564 (#21, 24-25), 566 (#3-4, 6-7), 567, 568 (Example 2, #3-5), 569, 570 (#17, 19-20), 571, 572 (#6-9), 573 (#10-13, 18-19), 574 (#1-4, 6-10, 16-18, 22), 620 (#25-27), 621 (#43), 629 (Too Many to Count), 650 (#1-7, 11)
	TR: Print Resources: 7-7, 11-1, 11-2, 11-3, 11-6, 11-7; Daily Notetaking Guide: 7-7, 11-1, 11-2, 11-3, 11-6, 11-7; Adapted Daily Notetaking Guide: 7-7, 11-1, 11-2, 11-3, 11-6, 11-7
	TECH: Calculators; Transparencies: 7-7, 11-1, 11-2, 11-3, 11-6, 11-7; Interactive Textbook Online: 7-7, 11-1, 11-2, 11-3, 11-6, 11-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
5.7.2 I/S	
Interpret graphical representations of data to describe patterns, trends, and data distribution.	SE/TE: 535 (#11-13), 536 (#14), 540 (#13-16), 545 (Quick Check 2), 557 (#2), 564 (#21), 566 (#4, 7), 568 (Example 2), 569 (#9-15), 570 (#17, 20), 573 (#10-12, 18-19), 574 (#22b), 650 (#11)
	TR: Print Resources: 11-1, 11-2, 11-3, 11-5, 11-7; Daily Notetaking Guide: 11-1, 11-2, 11-3, 11-5, 11-7; Adapted Daily Notetaking Guide: 11-1, 11-2, 11-3, 11-5, 11-7
	TECH: Calculators; Transparencies: 11-1, 11-2, 11-3, 11-5, 11-7; Interactive Textbook Online: 11-1, 11-2, 11-3, 11-5, 11-7; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
5.7.3 I/L	
Analyze the effect a change of scale will have on statistical charts and graphs.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 560-561, 563 (#7, 12)
	TR: Print Resources: 11-6; Daily Notetaking Guide: 11-6; Adapted Daily Notetaking Guide: 11-6
	TECH: Calculators; Transparencies: 11-6; Interactive Textbook Online: 11-6; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
5.7.4 I/S	
Find the number of permutations possible for an event in mathematical and practical situations.	SE/TE: 606, 607 (Example 2, Quick Check 2, Example 3, Quick Check 3a), 608 (#2-5, 7-25), 609 (#32, 34), 610 (Check Skills You'll Need #2-3), 613 (#26, 34-36), 614 (Checkpoint Quiz 2 #9), 617 (#19), 618 (#15a), 652 (#14), 653 (#23)
	TR: Print Resources: 12-5; Daily Notetaking Guide: 12-5; Adapted Daily Notetaking Guide: 12-5

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NEVADA MATHEMATICS STANDARD GRADE 7	PAGE(S) WHERE TAUGHT (If submission is not a text, cite appropriate resource(s))
	TECH: Calculators; Transparencies: 12-5; Interactive Textbook Online: 12-5; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
5.7.5 I/S	
Find the theoretical probability of an event using different counting methods including sample spaces and compare that probability with experimental results.	<i>Opportunities to address this standard can be found on the following pages:</i> SE/TE: 580-581, 582 (#2-22), 583 (#24-32), 586 (Check Skills You'll Need #2-4), 589 (#26-29), 591 (Example 1b, Quick Check 1), 592 (Example 2b, Quick Check 2b), 593 (#3-6), 594 (#10-14, 17-20), 595 (#23b, 27-28, 32), 597 (Checkpoint Quiz 1 #1-7, 9, Activity Lab 12-4a #2-3), 598-599, 600 (More Than One Way), 601, 602 (#26-28, 31), 603 (Practice with Probability), 605 (#3-4), 609 (#43-45), 614 (Checkpoint Quiz 2 #1-8), 616 (#6-8), 617 (#12, 14-17), 618 (#1-3, 4a, 5-14, 16, 19), 619 (#7), 621 (#33), 652 (#1-3, 11-12)
	TR: Print Resources: 12-1, 12-2, 12-3, 12-4; Daily Notetaking Guide: 12-1, 12-2, 12-3, 12-4; Adapted Daily Notetaking Guide: 12-1, 12-2, 12-3, 12-4
	TECH: Calculators; Transparencies: 12-1, 12-2, 12-3, 12-4; Interactive Textbook Online: 12-1, 12-2, 12-3, 12-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com:web code are-0775
Represent the probability of an event as a number between 0 and 1.	SE/TE: 580-581, 582 (#2-22), 583 (#24-32), 586, 587 (Example 3, Quick Check 3), 588 (#2-3, 6-7, 9-13), 589 (#15-21, 26-29), 590, 591 (Example 1b, Quick Check 1), 592 (Example 2b, Quick Check 2b), 593 (#3-6), 594 (#10-14, 17-20), 595 (#23b, 27-28, 32), 596 (#4-5), 597 (Checkpoint Quiz 1 #1-9, Activity Lab 12-4a #2-3), 598-599, 600 (More Than One Way), 601, 602 (#26-28, 31), 603 (Practice with Probability), 605 (#3-4), 609 (#43-45), 614 (Checkpoint Quiz 2 #1-8), 615 (Example), 616 (#6-9)

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	TR: Print Resources: 12-1, 12-2, 12-3, 12-4; Daily Notetaking Guide: 12-1, 12-2, 12-3, 12-4; Adapted Daily Notetaking Guide: 12-1, 12-2, 12-3, 12-4
	TECH: Calculators; Transparencies: 12-1, 12-2, 12-3, 12-4; Interactive Textbook Online: 12-1, 12-2, 12-3, 12-4; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775
5.7.6 I/S	
Interpolate and extrapolate from data to make predictions for a given set of data.	SE/TE: 438, 439 (#8-12, 14), 440 (#15-16, 17b-17c, 18), 446, 448 (#5-6, 20), 449 (#21-22), 450 (Checkpoint Quiz 1 #2-3), 478 (#8), 480 (#8b-8c, 22), 539 (Quick Check 3), 557 (#4), 647 (#21)
	TR: Print Resources: 9-2, 9-3; Daily Notetaking Guide: 9-2, 9-3; Adapted Daily Notetaking Guide: 9-2, 9-3
	TECH: Calculators; Transparencies: 9-2, 9-3; Interactive Textbook Online: 9-2, 9-3; Student Express CD-ROM; Teacher Express CD-ROM; PHSchool.com: web code are-0775