

# AnsMar Publishers, Inc. (Excel Math)

## Instructional Materials Curriculum Map for Grade 5

The Excel Math daily lesson takes 20-40 minutes teaching time to introduce the concepts, depending on the level of the students and the concepts. New concepts are introduced daily, then reinforced and mastered in Guided Practice, Homework, Basic Fact Practice, Stretches, Activities, additional lessons and tests (as shown in “Reinforced & Mastered – Spiraling” below). The Excel Math systematic spiraling process rigorously challenges students to retain concepts for the long term and develop a solid foundation on which to confidently build higher-order mathematics skills.

Text: Excel Math Grade 5	Publisher: AnsMar Publishers, Inc. <a href="http://www.excelmath.com">www.excelmath.com</a>		Product ID Numbers Teacher Ed: E5TEa Student Ed: E5SSa (Also available in various class sets) Projectable CD: PE5TEa		
Subject: Math	Grade Level: 5th		Copyright: 2007-2013		
New Concepts /Content	Pages / Assignments/Ancillary		Standards	Objectives	Indicators
	Initially Taught	Reinforced & Mastered (Spiraling Process)			
Lesson 1: Recognizing numbers less than a million	TE p. 2-3, SE p. 5001-5002, PL slides 1-2	Lessons 3, 80, 108 TE p. 6, 190, 258 Tests 1, 2, 4, 7, 20, 23, Yr End 1; TE p. 12-13, 24-25, 48-49, 84-85, 276-277, 312-313, 348-349	5.NBT	1	
Adding 4 four-digit numbers with regrouping	TE p. 2-3, SE p. 5001-5002, PL slides 7-8	Tests 1, 1 <sup>st</sup> Qtr; TE p. 12-13, 84-85			
Subtracting 2 three-digit numbers with regrouping	TE p. 2-3, SE p. 5001-5002, PL slides 5-6	Lessons 3 TE p. 6 Tests 1, 2; TE p. 12-13, 24-25 Create A Problem 2; TE p. 24-25			
Recognizing addition and subtraction fact families	TE p. 2-3, SE p. 5001-5002, PL slides 3-4	Tests 2, 6; TE p. 24-25, 72-73	5.OA	2	

TE = Teacher Edition

SE = Student Sheets

PL = Projectable Lessons

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<p>Lesson 2: Multiplication facts with products up to 30, with 5 (to 45), 10 (to 90), 11 (to 99) or 12 (to 48) as a factor</p>	<p>TE p. 4-5, SE p. 5003-5004, PL slides 1-4</p>	<p>Lessons 11, 16, 28, 38 TE p. 26, 38, 66, 90 Tests 1, 2, 5, 1<sup>st</sup> Qtr, 7; TE p. 12-13, 24-25, 60-61, 84-85, 96-97</p>	<p>5.NBT</p>	<p>5</p>	
<p>Multiplying a two- or three-digit number by a one-digit multiplier</p>	<p>TE p. 4-5, SE p. 5003-5004, PL slides 1-4</p>	<p>Lessons 22, 24, 36, 107 TE p. 52, 56, 86, 256 Tests 1, 2, 5, 1<sup>st</sup> Qtr; TE p. 12-13, 24-25, 60-61, 84-85 Create A Problem 4, 7; TE p. 48-49, 97</p>	<p>5.NBT</p>	<p>5</p>	
<p>Solving multi-step word problems using addition and subtraction</p>	<p>TE p. 4-5, SE p. 5003-5004, PL slides 5-6</p>	<p>Lessons 4, 10, 25 TE p. 8, 22, 58 Tests 1, 2, 4, 5, 6, 1<sup>st</sup> Qtr; TE p. 12-13, 24-25, 48-49, 60-61, 72-73, 84-85 Create A Problem 2, 4, 6, 7, 12, 17; TE p. 24-25, 48-49, 72-73, 97, 157, 229</p>			

Lesson 3: Subtracting four-digit numbers with regrouping	TE p. 6-7, SE p. 5005-5006, PL slides 1-4	Tests 1, 2, 6, 7, Yr End 2; TE p. 12-13, 24-25, 72-73, 96-97, 360-361;			
Recognizing money number words	TE p. 6-7, SE p. 5005-5006, PL slide 5	Lesson 4 TE p. 8 Tests 1, 2; TE p. 12-13, 24-25 Create A Problem 7; TE p. 97			
Recognizing the dollar symbol and decimal point	TE p. 6-7, SE p. 5005-5006, PL slide 5	Lessons 4, 41 TE p. 8, 98 Tests 5, 1 <sup>st</sup> Qtr; TE p. 60-61, 84-85 Create A Problem 5, 6, 7; TE p. 60-61, 72-73, 97	5.NBT	3	a
Regrouping with money amounts when adding, subtracting or multiplying money amounts	TE p. 6-7, SE p. 5005-5006, PL slides 6-8	Lessons 41, 79, 97, 107, 149 TE p. 98, 188, 232, 256, 356 Tests 1, 2, 7; TE p. 12-13, 24-25, 96-97 Create A Problem 5, 6, 7, 8, 15; TE p. 60-61, 72-73, 97, 109, 205	5.NBT	7	

Lesson 4: Learning change equivalents up to \$1.00	TE p. 8-9, SE p. 5007-5008, PL slides 3-4	Lessons 97, 149 TE p. 232, 356 Tests 1, 2; TE p. 12-13, 24-25			
Recognizing coins	TE p. 8-9, SE p. 5007-5008, PL slides 1-2	Lesson 14 TE p. 33			
Calculating change using the least number of coins	TE p. 8-9, SE p. 5007-5008, PL slides 7-8	Lesson 97 TE p. 232 Tests 1, 4; TE p. 12-13, 48-49	5.NBT	7	
Solving word problems involving money	TE p. 8-9, SE p. 5007-5008, PL slides 5-6	Lessons 97, 100, 135 TE p. 232, 238, 322 Tests 1, 2, 4, 1 <sup>st</sup> Qtr; TE p. 12-13, 24-25, 48-49, 84-85 Create A Problem 5, 6, 7, 8, 15; TE p. 61,73, 97, 109, 205	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Lesson 5: Interpreting circle graphs, picture graphs, bar graphs and line graphs	TE p. 10-11, SE p. 5009-5010, PL slides 1-9	Lessons 40, 116 TE p. 94, 278 Tests 2, 5; TE p. 24-25, 60-61 Create A Problem 8; TE p. 109	5.MP	1, 2, 3, 4, 5, 6, 7, 8	

Lesson 6: Filling in missing numbers in sequences counting by 1, 2, 3, 4, 5, 6, 7, 8, 9 or 10	TE p. 14-15, SE p. 5013-5014, PL slides 5-6	Lessons 87, 104, 111 TE p. 208, 248, 266 Tests 1, 6, 17, 19, 20, Yr End 1; TE p. 12-13, 72-73, 228-229, 264-265, 276-277, 348-349	5.OA	3	
Arranging 4 four-digit numbers in order from least to greatest and from greatest to least	TE p. 14-15, SE p. 5013-5014, PL slides 3-4	Lessons 43, 98, 148 TE p. 102, 234, 354 Tests 1, 6; TE p. 12-13, 72-73	5.OA	3	
Recognizing the symbols < less than and > greater than	TE p. 14-15, SE p. 5013-5014, PL slides 1-2	Lessons 37, 85, 89, 105 TE p. 88, 202, 212, 250 Tests 1, 4, 8, 9, 16, 17, 18, 20, Yr End 1; TE p. 12-13, 48-49, 108-109, 120-121, 216-217, 228-229, 240-241, 276-277, 348-349	5.NBT	3	b

Lesson 7: Computing the date	TE p. 16-17, SE p. 5015-5016, PL slides 1-2	Lessons 51 TE p. 122 Tests 4, Yr End 1; TE p. 48-49; 348-349	5.MD		
Learning 7 days = 1 week	TE p. 16-17, SE p. 5015-5016, PL slides 1-2	Lessons 51 TE p. 122 Tests 5; TE p. 60-61	5.MD		
Learning the abbreviations for days and months	TE p. 16-17, SE p. 5015-5016, PL slides 4	Lessons 51 TE p. 122	5.MD		
Learning the number of days in each month	TE p. 16-17, SE p. 5015-5016, PL slides 5	Lessons 51 TE p. 122 Tests 1, 1 <sup>st</sup> Qtr; TE p. 12-13, 84-85	5.MD		
Learning 1 year = 12 months	TE p. 16-17, SE p. 5015-5016, PL slides 5	Lessons 51 TE p. 122 Tests 1; TE p. 12-13	5.MD		

Lesson 8: Telling time to the minute	TE p. 18-19, SE p. 5017-5018, PL slides 1-2, 5-6	Lessons 57, 73 TE p. 136, 174 Tests 4, 5, 1 <sup>st</sup> Qtr, 11, 12, 14, 18; TE p. 49, 60-61, 84-85, 144-145, 156-157, 192-193, 240-241,			
Recognizing a quarter past or before the hour or half past the hour	TE p. 18-19, SE p. 5017-5018, PL slides 1-2	Lessons 57, 73 TE p. 136, 174 Tests 4, 5, 1 <sup>st</sup> Qtr, 11, 12, 14, 18; TE p. 49, 60-61, 84-85, 144-145, 156-157, 192-193, 240-241,			
Calculating minutes before the hour	TE p. 18-19, SE p. 5017-5018, PL slides 3-6	Lessons 57, 73 TE p. 136, 174 Tests 4, 5, 1 <sup>st</sup> Qtr, 11, 12, 14, 18; TE p. 49, 60-61, 84-85, 144-145, 156-157, 192-193, 240-241,			
Learning 60 minutes = 1 hour	TE p. 18-19, SE p. 5017-5018, PL slides 1-2	Lessons 57, 73 TE p. 136, 174 Tests 4, 5, 1 <sup>st</sup> Qtr, 11, 12, 14, 18, Yr. End 2; TE p. 49, 60-61, 84-85, 144-145, 156-157, 192-193, 240-241, 360-361			
Calculating elapsed time	TE p. 18-19, SE p. 5017-5018, PL slides 3-6	Lessons 57, 73 TE p. 136, 174 Tests 4, 5, 1 <sup>st</sup> Qtr, 11, 12, 14, 18; TE p. 49, 60-61, 84-85, 144-145, 156-157, 192-193, 240-241, Create A Problem 6; TE p. 72-73			

Lesson 9: Computing one half of a group	TE p. 20-21, SE p. 5019-5020, PL slides 1-3	Lessons 15, 39, 44 TE p. 34, 92, 104 Tests 1, First Quarterly Test; TE p. 12-13, 84-85	5.NF	3	
Recognizing odd and even numbers less than 100	TE p. 20-21, SE p. 5019-5020, PL slides 4-7	Lessons 87 Tests 1, First Quarterly Test; TE p. 12-13, 84-85			
Lesson 10: Solving word problems using deductive reasoning	TE p. 22-23, SE p. 5021-5022, PL slides 1-2	Lessons 25, 32, 58, 70 TE p. 58, 76, 138, 166 Tests 1, 4, 6; TE p. 12-13, 48-49, 72-73 Create A Problem 4, 6, 7; TE p. 48-49, 72-73, 97	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Determining if there is sufficient information to answer the question	TE p. 22-23, SE p. 5021-5022, PL slides 3-4	Lessons TE p. Tests 6; TE p. 72-73	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Determining what information is needed to answer the question in a word problem	TE p. 22-23, SE p. 5021-5022, PL slides 5-6	Tests 1, First Quarterly Test; TE p. 12-13, 84-85 Create A Problem 2, 4, 6, 7, 12; TE p. 24-25, 48-49, 72-73, 97, 157	5.MP	1, 2, 3, 4, 5, 6, 7, 8	



Lesson 11: Recognizing multiplication and division fact families	TE p. 26-27, SE p. 5025-5026, PL slides 1-4	Lessons 11, 16, 28, 38, 49, 71, 73 TE p. 26, 38, 66, 90, 116, 170, 174 Tests 4, 5, First Quarterly Test; TE p. 48-49, 60-61, 84-85	5.OA 5.NBT	2 5	
Learning the terminology for multiplication	TE p. 26-27, SE p. 5025-5026, PL slides 5-6				
Learning division facts with dividends up through 30 and dividends that are multiples of 5 (to 45), 10 (to 90), 11 (to 99) or 12 (to 48)	TE p. 26-27, SE p. 5025-5026, PL slides 1-4	Lessons 28, 29, 49, 71, 73, 93 TE p. 66, 68, 116, 170, 174, 222 Tests 1, 4, 5, 7, 11, 2 <sup>nd</sup> Qtr, 14, 15, 17, 18, 3 <sup>rd</sup> Qtr, 23; TE p. 12-13, 48-49, 60-61, 96-97, 144-145, 168-169, 192-193, 204-205, 228-229, 240-241, 252-253, 312-313	5.OA 5.NBT	2 6	
Learning the terminology for division	TE p. 26-27, SE p. 5025-5026, PL slides 5-6				
Lesson 12: Estimating standard measurements	TE p. 28-29, SE p. 5027-5028, PL slides 4-5	Lessons 17 TE p. 40 Tests 1, 4, 5, 6; TE p. 12-13, 48-49, 60-61, 72-73	5.MD 5.MP	1 1, 2, 3, 4, 5, 6, 7, 8	
Reading measuring devices	TE p. 28-29, SE p. 5027-5028, PL slides 1-5	Lessons 17, 48, 54, 67, 103 TE p. 40, 114, 128, 160, 246 Tests 4, , 5, 1 <sup>st</sup> Qtr, 14, Yr End 1; TE p.48-49, 60-61, 84-85, 192-193, 348-349	5.MP	1, 2, 3, 4, 5, 6, 7, 8	

Lesson 13: Recognizing ordinal number words up to 100	TE p.30-31, SE p. 5029-5030, PL slides 5-6	Create A Problem 9; TE p. 121	5.OA	3	
Completing patterns in a chart	TE p.30-31, SE p. 5029-5030, PL slides 1-4	Lessons 42, 55, 143 TE p. 100, 130, 342 Tests 9, 11, 16; TE p.120-121, 144-145, 216-217	5.OA	3	
Lesson 14: Determining whether statements are true	TE p. 32-33, SE p. 5031-5032, PL slides 1-2	Lessons 37, 55, 82, 85, 105, 140 TE p. 88, 130, 196, 202, 250, 334 Tests 8, 9, 18, 20; TE p.108-109, 120-121, 240-241, 276-277,	5.OA 5.MP	2 1, 2, 3, 4, 5, 6, 7, 8	
Filling in a missing number in an equation	TE p. 32-33, SE p. 5031-5032, PL slides 3-4	Lessons 18, 19 TE p. 42, 44 Tests 1, 4, 5, 3 <sup>rd</sup> Qtr, 19; TE p. 12-13, 48-49, 60-61, 252-253, 264-265	5.OA	3	
Determining the value of a letter that has been substituted for a number	TE p. 32-33, SE p. 5031-5032, PL slides 3-4	Lessons 19, 37, 55, 74, 77, 82, 140 TE p. 44, 88, 130, 176, 184, 196, 334 Tests 1,8, 9, 12, 4 <sup>th</sup> Qtr; TE p. 12-13, 108-109, 120-121, 156-157, 336-337	5.OA	3	
Solving algebraic equations	TE p. 32-33, SE p. 5031-5032, PL p. 3-4	Lessons 18, 37, 82, 124 TE p. 42, 88, 196, 296 Tests 1, 5; TE p. 12-13, 60-61	5.OA	2	
Selecting the correct operation	TE p. 32-33, SE p. 5031-5032, PL slides 5-6	Lessons 18, 32, 37, 124 TE p. 42, 76, 88, 296 Tests 5; TE p. 60-61	5.OA	2	

Lesson 15: Defining numerator and denominator	TE p. 34-35, SE p. 5033-5034, PL slides 1-2	Tests 1; TE p. 12-13	5.NF	3	
Fractional part of a group of items when modeled or given in words, including extraneous information or the word “not”	TE p. 34-35, SE p. 5033-5034, PL slides 3-6	Lessons 31, 39, 68, 106 TE p. 74, 92, 162, 254 Tests 20; TE p. 276-277	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Learning that the whole is the sum of its parts	TE p. 34-35, SE p. 5033-5034, PL slides 7-8	Lessons 39, 44, 68, 106 TE p. 92, 104, 162, 254 Tests 20; TE p. 276-277	5.NF	5	a
Adding and subtracting fractions	TE p. 34-35, SE p. 5033-5034, PL slides 7-10	Lessons 23, 50, 69, 122 TE p. 54, 118, 164, 292 Tests 1, 3, 5, 6, 7, 10, 3 <sup>rd</sup> Qtr, 23, 24, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 12-13, 36-37, 60-61, 72-73, 96-97, 132-133, 252-253, 312-313, 324-325, 336-337, 360-361	5.NF	1, 2	

Lesson 16: Multiplication facts with products up to 50	TE p. 38-39, SE p. 5037-5038, PL slides 5-7	Lessons 28, 38 TE p. 66, 90 Tests 1, 2, 3, 4, 5, 7, 8, 11, 20, 24, Yr End 2; TE p. 12-13, 24-25, 36-37, 48-49, 60-61, 96-97, 108-109, 144-145, 276-277, 324-325, 360-361	5.OA	2, 3	
Solving word problems involving multiplication and division	TE p. 38-39, SE p. 5037-5038, PL slides 1-4	Lessons 25, 29, 63, 74, 97, 100, 102, 103, 130, 133, 135 TE p. 58, 68, 150, 176, 232, 238, 244, 246, 310, 318, 322 Tests 3, 5, 6, 7, Yr. End 2; TE p. 36-37, 60-61, 72-73, 96-97, 360-361; Create A Problem 4, 5, 6, 7, 9, 10, 11, 12; TE p. 48-49, 60-61, 72-73, 96-97, 119, 133, 145, 157	5.NBT 5.MP	5, 6 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 17: Learning the equivalents for feet, inches and yards	TE p. 40-41, SE p. 5039-5040, PL slides 6-7	Lessons 48, 54, 58, 67, 103 TE p. 116, 128, 138, 160, 246 Tests 3, 5, 7; TE p. 36-37, 60-61, 96-97	5.MD	1	
Measuring line segments to the nearest half inch, quarter inch and half centimeter	TE p. 40-41, SE p. 5039-5040, PL slides 1-5	Lessons 35, 54, 90 TE p. 82, 128, 214			

Lesson 18: Filling in missing numbers in equations with parentheses	TE p. 42-43, SE p. 5041-5042, PL slides 1-2	Lessons 19, 37, 55, 74, 77, 82, 140, TE p. 44, 88, 130, 176, 182, 196, 334 Tests 1, 4, 5, 8, 9, 12, 3 <sup>rd</sup> Qtr, 19, 4 <sup>th</sup> Qtr; TE p.12-13, 48-49, 60-61, 108-109, 120-121, 156-157, 252-253, 264-265, 336-337	5.OA	1	
Learning the order of operations when solving an equation	TE p. 42-43, SE p. 5041-5042, PL slides 3	Lessons 19, 37, 55, 74, 77, 82, 140, TE p. 44, 88, 130, 176, 182, 196, 334 Tests 1, 4, 5, 8, 9, 12, 3 <sup>rd</sup> Qtr, 19, 4 <sup>th</sup> Qtr; TE p.12-13, 48-49, 60-61, 108-109, 120-121, 156-157, 252-253, 264-265, 336-337	5.OA	2	
Replacing letters with numbers in an equation	TE p. 42-43, SE p. 5041-5042, PL slides 4-5	Lessons 19, 37, 55, 74, 77, 82, 140, TE p. 44, 88, 130, 176, 182, 196, 334 Tests 1, 4, 5, 8, 9, 12, 3 <sup>rd</sup> Qtr, 19, 4 <sup>th</sup> Qtr; TE p.12-13, 48-49, 60-61, 108-109, 120-121, 156-157, 252-253, 264-265, 336-337	5.OA	1, 2	

<p>Lesson 19: Changing a number sentence from <math>\neq</math> to <math>=</math></p> <p>Finding the value of an unknown by performing the same operation on both sides of an equation</p>	<p>TE p. 44-45, SE p. 5043-5044, PL slides 1-2</p> <p>TE p. 44-45, SE p. 5043-5044, PL slides 3-4</p>	<p>Tests 3, 6 1<sup>st</sup> Qtr; TE p. 36-37, 72-73, 84-85</p> <p>Lessons 37, 55, 74, 77, 82, 140, TE p. 88, 130, 176, 182, 196, 334 Tests 4, 5, 8, 9, 12, 3<sup>rd</sup> Qtr, 19, 4<sup>th</sup> Qtr; TE p. 48-49, 60-61, 108-109, 120-121, 156-157, 252-253, 264-265, 336-337</p>	<p>5.OA</p>	<p>1</p>	
<p>Lesson 20: 3-D figures: sphere, cube, cone, cylinder; rectangular, square and triangular pyramid; rectangular &amp; triangular prism</p> <p>Learning the terminology of flat and curved faces, vertices and edges</p>	<p>TE p. 46-47, SE p. 5045-5046, PL slides 1-6</p> <p>TE p. 46-47, SE p. 5045-5046, PL slides 3-6</p>	<p>Lessons 30, 35, 42, 45, 71, 75, 86 TE p. 70, 82, 100, 106, 170, 178, 206 Tests 3, 7, 9, 10, 12, 2<sup>nd</sup> Qtr, 14, 15, 16, 24, Yr End 1; TE p. 36-37, 96-97, 120-121, 132-133, 156-157, 168-169, 192-193, 204-205, 216-217, 324-325, 348-349 Create A Problem 19; TE p. 265</p> <p>Lessons 35, 42, 71 TE p. 82, 100, 170 Tests 3, 7, 9, 12, 24, Yr End 1; TE p. 36-37, 96-97, 120-121, 156-157, 324-325, 348-349</p>	<p>5.G</p> <p>5.G</p>	<p>3, 4</p> <p>3, 4</p>	

<p>Lesson 21: Dividing a 1-digit divisor into a 3-digit dividend with a 3-digit quotient, no regrouping or remainders</p>	<p>TE p. 50-51, SE p. 5049-5050, PL slides 1-5</p>	<p>Lessons 26, 27, 33, 34, 41, 46, 47, 100, 101, 146, TE p. 62, 64, 78, 80, 98, 110, 112, 238, 242, 350 Tests 3, 7, 8, 10, 12, 14, 16, 17, 20, 22, 23, 24, 4<sup>th</sup> Qtr, Yr end 1, Yr end 2; TE p. 36-37, 96-97, 108-109, 132-133, 156-157, 192-193, 216-217, 228-229, 276-277, 300-301, 312-313, 324-325, 336-337, 348-349, 360-361</p>	<p>5.NBT</p>	<p>6</p>	
<p>Lesson 22: Multiplying 2 two-digit numbers, no regrouping</p>	<p>TE p. 52-53, SE p. 5051-5052, PL slides 1-4</p>	<p>Lessons 24, 36, 107 TE p. 56, 86, 256 Tests 3, 1<sup>st</sup> Qtr, 8, 9, 10, 11, 12, 2<sup>nd</sup> Qtr, 13, 14, 15, 16, 17, 18, 19, 21, 22, Yr End 1; TE p. 36-37, 84-85, 108-109, 120-121, 132-133, 144-145, 156-157, 168-169, 180-181, 192-193, 204-205, 216-217, 228-229, 240-241, 264-265, 288-289, 300-301, 348-349 Create A Problem 7; TE p. 97</p>	<p>5.NBT</p>	<p>5</p>	
<p>Lesson 23: Adding and subtracting fractions and mixed numbers with like denominators</p>	<p>TE p. 54-55, SE p. 5053-5054, PL slides 1-6</p>	<p>Lessons 23, 50, 69, 122, TE p. 54, 118, 164, 292 Tests 1, 3, 5, 6, 7, 10, 3<sup>rd</sup> Qtr, 23, 24, 4<sup>th</sup> Qtr, Yr End 2; TE p. 12-13, 36-37, 60-61, 72-73, 96-97, 132-133, 252-253, 312-313, 324-325, 336-337, 360-361</p>	<p>5.NF</p>	<p>1</p>	

<p>Lesson 24: Multiplying 2 two-digit numbers, regrouping only with the ones or the tens place</p>	<p>TE p. 56-57, SE p. 5055-5056, PL slides 1-4</p>	<p>Lessons 36, 107 TE p. 86, 256 Tests 1<sup>st</sup> Qtr, 8, 9, 10, 11, 12, 2<sup>nd</sup> Qtr, 13, 14, 15, 16, 17, 18, 19, 21, 22, Yr End 1; TE p. 84-85, 108-109, 120-121, 132-133, 144-145, 156-157, 168-169, 180-181, 192-193, 204-205, 216-217, 228-229, 240-241, 264-265, 288-289, 300-301, 348-349</p>	<p>5.NBT</p>	<p>5</p>	
<p>Learning multiplication facts with products to 81</p>	<p>TE p. 56-57, SE p. 5055-5056, PL slides 5-6</p>	<p>Lessons 28, 38 TE p. 66, 90 Tests 1, 2, 3, 4, 5, 7, 8, 11, 20, 24, Yr End 2; TE p. 12-13, 24-25, 36-37, 48-49, 60-61, 96-97, 108-109, 144-145, 276-277, 324-325, 360-361</p>	<p>5.NBT</p>	<p>5</p>	



Lesson 25: Estimating the answers for addition, subtraction and multiplication word problems using rounding	TE p. 58-59, SE p. 5057-5058, PL slides 5-6	Lessons 70, 82, 92 TE p. 170, 196, 220 Tests 6, 7, 14, 15, 16, 17, 3 <sup>rd</sup> Qtr, 19, Yr End 1, Yr End 2; TE p. 72-73, 96-97, 192-193, 204-205, 216-217, 228-229, 252-253, 264-265, 348-349, 360-361 Create A Problem 20; TE p. 277	5.NBT 5.MP	5, 6 1, 2, 3, 4, 5, 6, 7, 8	
Estimating range for an answer	TE p. 58-59, SE p. 5057-5058, PL slides 7	Lessons 81, 147 TE p. 194, 352 Tests 14, 19, Yr End 1; TE 192-193, 264-265, 348-349 Create A Problem 16, 24; TE p. 217, 325	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Rounding to the nearest ten, hundred or thousand; Rounding numbers so there is only one non-zero digit	TE p. 58-59, SE p. 5057-5058, PL slides 1-4, 8-9	Lessons 41, 121 TE p. 98, 290 Tests 3, 6, 1 <sup>st</sup> Qtr, 9, 10, 18, Yr End 1; TE p. 36-37, 72-73, 84-85, 120-121, 132-133, 240-241, 348-349	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Lesson 26: Dividing a 1-digit divisor into a 3-digit dividend with a 2-digit quotient, no regrouping or remainders	TE p. 62-63, SE p. 5061-5062, PL slides 1-5	Lessons 27, 33, 34, 41, 46, 47, 100, 101, 146, TE p. 64, 78, 80, 98, 110, 112, 238, 242, 350 Tests 7, 8, 10, 12, 14, 16, 17, 20, 22, 23, 24, 4 <sup>th</sup> Qtr, Yr end 1, Yr end 2; TE p. 36-37, 96-97, 108-109, 132-133, 156-157, 192-193, 216-217, 228-229, 276-277, 300-301, 312-313, 324-325, 336-337, 348-349, 360-361	5.NBT	6	

Lesson 27: Dividing a 1-digit divisor into a 3-digit dividend with a 2-digit quotient, no regrouping or remainders	TE p. 64-65, SE p. 5063-5064, PL slides 1-5	Lessons 33, 34, 41, 46, 47, 100, 101, 146, TE p. 78, 80, 98, 110, 112, 238, 242, 350 Tests 7, 8, 10, 12, 14, 16, 17, 20, 22, 23, 24, 4 <sup>th</sup> Qtr, Yr end 1, Yr end 2; TE p. 36-37, 96-97, 108-109, 132-133, 156-157, 192-193, 216-217, 228-229, 276-277, 300-301, 312-313, 324-325, 336-337, 348-349, 360-361	5.NBT	6	
Lesson 28: Multiplication facts with products less than 100 with 12 as a factor	TE p. 66-67, SE p. 5065-5066, PL slides 3-4	Lessons 38 TE p. 90 Tests 7, 8, 11, 20, 24, Yr End 2; TE p. 96-97, 108-109, 144-145, 276-277, 324-325, 360-361	5.OA 5.NBT	3 5	
Recognizing multiples	TE p. 66-67, SE p. 5065-5066, PL slides 5-6	Lessons 38, 55, 91, 97 TE p. 90, 130, 218, 232 Tests 7, 18, 3 <sup>rd</sup> Qtr, Yr End 1. Yr End 2; TE p. 96-97, 240-241, 252-253, 248-249, 360-361	5.OA	2	
Learning division facts with dividends up through 50	TE p. 66-67, SE p. 5065-5066, PL slides 1-2	Lessons 29, 49, 71, 73, 93 TE p. 68, 116, 170, 174, 222 Tests 7, 11, 2 <sup>nd</sup> Qtr, 14, 15, 17, 18, 3 <sup>rd</sup> Qtr, 23; TE p. 96-97, 144-145, 168-169, 192-193, 204-205, 228-229, 240-241, 252-253, 312-313	5.OA 5.NBT	3 6	

<p>Lesson 29: Learning division facts with remainders with dividends up to 30 and dividends with 5 as a factor</p> <p>Solving word problems involving division with remainders</p>	<p>TE p. 68-69, SE p. 5057-5068, PL slides 1-3</p> <p>TE p. 68-69, SE p. 5057-5068, PL slides 4-7</p>	<p>Lessons 49, 71, 73 TE p. 116, 170, 174 Tests 7; TE p. 12-13, 48-49, 60-61, 96-97</p> <p>Lessons 49, 71, 73, 93 TE p. 116, 170, 174, 222 Tests 7, 11, 2<sup>nd</sup> Qtr, 14, 15, 17, 18, 3<sup>rd</sup> Qtr, 23; TE p. 96-97, 144-145, 168-169, 192-193, 204-205, 228-229, 240-241, 252-253, 312-313</p>	<p>5.OA 5.NBT</p> <p>5.NBT 5.MP</p>	<p>3 6</p> <p>6 1, 2, 3, 4, 5, 6, 7, 8</p>	
<p>Lesson 30: Measuring angles; Learning the sum of the angles for triangles and rectangles; Recognizing right, obtuse and acute angles; Recognizing equilateral, isosceles and scalene triangles</p>	<p>TE p. 70-71, SE p. 5069-5070, PL slides 6-7</p>	<p>Lessons 75 TE p. 178 Tests 1<sup>st</sup> Qtr, 7, 8, 9, 2<sup>nd</sup> Qtr, Yr End 1; TE p. 36-37, 84-85, 96-97, 108-109, 120-121, 168-169, 348-349</p>	<p>5.G</p>	<p>3, 4</p>	
<p>Lesson 31: Determining equivalent fractions using models or money</p>	<p>TE p. 74-75, SE p. 5073-5074, PL slides 1-7</p>	<p>Lessons 39, 43, 59, 76, 77, 78, 99, 105, 106 TE p. 92, 102, 140, 182, 184, 186, 236, 250, 254 Tests 7, 8, 9, 2<sup>nd</sup> Qtr, 13, 15, 19; TE p. 96-97, 108-109, 120-121, 168-169, 180-181, 204-205, 264-265</p>	<p>5.MP</p>	<p>1, 2, 3, 4, 5, 6, 7, 8</p>	

Lesson 32: Learning about the Commutative Property of Addition; Learning about the Commutative Property of Multiplication	TE p. 76-77, SE p. 5075-5076, PL slides 1	Lessons 96 TE p. 230	5.OA	1	
Selecting the correct equation	TE p. 76-77, SE p. 5075-5076, PL slides 1-5	Lessons 37, 124, 140, TE p. 88, 296, 334 Tests 7, 8, 2 <sup>nd</sup> Qtr; TE p. 96-97, 108-109, 168-169	5.OA	1	
Lesson 33: Dividing a 1-digit divisor into a 3-digit dividend resulting in 2-digit or 3-digit quotient, regrouping & remainders	TE p. 78-79, SE p. 5077-5078, PL slides 1-5	Lessons 34, 41, 46, 47, 100, 101, 146, TE p. 80, 98, 110, 112, 238, 242, 350 Tests 7, 8, 10, 12, 14, 16, 17, 20, 22, 23, 24, 4 <sup>th</sup> Qtr, Yr end 1, Yr end 2; TE p. 36-37, 96-97, 108-109, 132-133, 156-157, 192-193, 216-217, 228-229, 276-277, 300-301, 312-313, 324-325, 336-337, 348-349, 360-361	5.NBT	6	
Lesson 34: Dividing a 1-digit divisor into a 3-digit dividend resulting in 2-digit or 3-digit quotient, regrouping & remainders	TE p. 80-81, SE p. 5079-5080, PL slides 1-5	Lessons 41, 46, 47, 100, 101, 146, TE p. 98, 110, 112, 238, 242, 350 Tests 7, 8, 10, 12, 14, 16, 17, 20, 22, 23, 24, 4 <sup>th</sup> Qtr, Yr end 1, Yr end 2; TE p. 36-37, 96-97, 108-109, 132-133, 156-157, 192-193, 216-217, 228-229, 276-277, 300-301, 312-313, 324-325, 336-337, 348-349, 360-361	5.NBT	6	

Lesson 35: Parallel, intersecting and perpendicular, plane figure, polygon, quadrilateral, parallelogram and diagonal	TE p. 82-83, SE p. 5081-5082, PL slides 1-11	Lessons 71, 75, TE p. 170, 178 Tests 7, 8, 9, 10, 11, 22; TE p. 96-97, 108-109, 120-121, 132-133, 144-145, 300-301	5.G	3, 4	
Lesson 36: Multiplying 2 two-digit numbers, regrouping twice	TE p. 86-87, SE p. 5085-5086, PL slides 1-6	Lessons 107 TE p. 256 Tests 8, 9, 10, 11, 12, 2 <sup>nd</sup> Qtr, 13, 14, 15, 16, 17, 18, 19, 21, 22, Yr End 1; TE p. 108-109, 120-121, 132-133, 144-145, 156-157, 168-169, 180-181, 192-193, 204-205, 216-217, 228-229, 240-241, 264-265, 288-289, 300-301, 348-349	5.NBT	5	
Lesson 37: Recognizing true and not true number sentences; Selecting the correct symbol for a number sentence; Using trial and error to replace unknowns in an equation	TE p. 88-89, SE p. 5087-5088, PL slides 1-6	Lessons 55, 82, 85, 105, 124, 140 TE p. 130, 196, 202, 250, 296, 334 Tests 8, 9, 18, 20; TE p. 108-109, 120-121, 240-241, 276-277,	5.OA 5.NBT 5.MP	2 5 1, 2, 3, 4, 5, 6, 7, 8	

Lesson 38: Determining the lowest common multiple	TE p. 90-91, SE p. 5089-5090, PL slides 1-3	Lessons 50, 105 TE p. 118, 250 Tests 8, 9, Yr End 1: TE p.108-109, 120-121, 348-349	5.OA	3	
Multiplication facts with products with 11 (up to 121) and 12 (up to 144) as a factor	TE p. 90-91, SE p. 5089-5090, PL slides 4-5	Tests 7, 8, 11, 20, 24, Yr End 2; TE p. 96-97, 108-109, 144-145, 276-277, 324-325, 360-361	5.OA 5.NBT	3 5	
Learning division facts with remainders with dividends to 50	TE p. 90-91, SE p. 5089-5090, PL slides 6-7	Lessons 49, 71, 73, 93 TE p. 116, 170, 174, 222 Tests 7, 11, 2 <sup>nd</sup> Qtr, 14, 15, 17, 18, 3 <sup>rd</sup> Qtr, 23; TE p. 96-97, 144-145, 168-169, 192-193, 204-205, 228-229, 240-241, 252-253, 312-313	5.OA 5.NBT	3 6	
Lesson 39: Calculating equivalent fractions using multiplication	TE p. 92-93, SE p. 5091-5092, PL slides 1-7	Lessons 39, 43, 59, 76, 77, 78, 99, 105, 106 TE p. 92, 102, 140, 182, 184, 186, 236, 250, 254 Tests 7, 8, 9, 2 <sup>nd</sup> Qtr, 13, 15, 19; TE p. 96-97, 108-109, 120-121, 168-169, 180-181, 204-205, 264-265	5.NF	4	a
Lesson 40: Comparing two or more sets of data using bar or line graphs	TE p. 94-95, SE p. 5093-5094, PL slides 1-4	Lessons 116 TE p. 278 Tests 9, 10, 13, 15, 18, 19, 22; TE p, 120-121, 132-133, 180-181, 204-205, 240-241, 264-265, 300-301	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Interpreting information given in a histogram	TE p. 94-95, SE p. 5093-5094, PL slides 5-8	Create A Problem 13; TE p. 181	5.MP	1, 2, 3, 4, 5, 6, 7, 8	

Lesson 41: Dividing money amounts by a 1-digit divisor	TE p. 98-99, SE p. 5097-5098, PL slides 3-6	Lessons 79, 147 TE p. 188, 352 Tests 10, 12, 16, 17, 18, 19, 21, 22, 23, Yr End 2; TE p. 132-133, 156-157, 216-217, 228-229, 240-241, 264-265, 288-289, 300-301, 312-313, 360-361	5.NBT	7	
Rounding to the nearest dollar	TE p. 98-99, SE p. 5097-5098, PL slides 1-2	Lessons 92, 121 TE p. 220, 290 Tests 9, 10; TE p. 120-121, 132-133	5.NBT	4	
Lesson 42: Recognizing patterns	TE p. 100-101, SE p. 5099-5100, PL slides 1-2	Lesson 86 TE p. 206 Tests 9, 11, 19; TE p. 120-121, 144-145, 264-265	5.OA	3	
Learning the terminology of pentagon, hexagon and octagon	TE p. 100-101, SE p. 5099-5100, PL slides 4-5	Lessons 71 TE p. 170 Tests 9, 10, 11, 12, 22, 24, Yr End 2; TE p. 120-121, 132-133, 144-145, 156-157, 300-301, 324-325, 360-361;	5.G	3, 4	
Determining figures that do or do not belong in a set	TE p. 100-101, SE p. 5099-5100, PL slides 6-7		5.G	3, 4	

Lesson 43: Putting simple fractions in order from least to greatest and greatest to least	TE p. 102-103, SE p. 5101-5102, PL slides 1-4	Lessons 78, 148 TE p. 186, 354	5.NF	3	
Comparing fractions	TE p. 102-103, SE p. 5101-5102, PL slides 5-6	Lessons 105 TE p. 250 Tests 2 <sup>nd</sup> Qtr, 19, 20, 24; TE p. 264-265, 276-277, 324-325	5.NF	3	
Lesson 44: Computing $\frac{1}{2}$ to $\frac{1}{9}$ of a group of items	TE p. 104-105, SE p. 5103-5104, PL slides 1-7	Tests Yr End 1Yr End 2; TE p. 348-349, 360-361	5.NF 5.MP	3 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 45: Recognizing when figures are similar or congruent	TE p. 106-107, SE p. 5105-5106, PL slides 1	Lessons 71, 139 TE p. 170, 332 Tests 9, 12, 2 <sup>nd</sup> Qtr, 15, 22, 24, 4 <sup>th</sup> Qtr, Yr End 1, Yr End 2; TE p. 120-121, 156-157, 168-169, 204-205, 300-301, 324-325, 336-337, 348-349, 360-361	5.G	3	
Recognizing flips, slides and turns	TE p. 106-107, SE p. 5105-5106, PL slides 2	Tests 9, 10; TE p. 120-121, 132-133	5.G	3	
Recognizing lines of symmetry; Recognizing bilateral and rotational symmetry	TE p. 106-107, SE p. 5105-5106, PL slides 3-5	Tests 9, 10, 11, 12, 13, 21, Yr End 1; TE p.120-121, 132-133, 144-145, 156-157, 180-181, 288-289, 348-349	5.G	3	
Recognizing the symbol for a triangle	TE p. 106-107, SE p. 5105-5106, PL slides 6		5.G	3	



Lesson 46: Dividing a 1-digit divisor into a 4-digit dividend with a 3-digit quotient and a zero in the tens place	TE p. 110-111, SE p. 5109-5110, PL slides 1-5	Lessons 47, 101 TE p. 112, 242 Test 20, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 276-277, 336-337, 360-361	5.NBT	6	
Lesson 47: Dividing a 1-digit divisor into a 4-digit dividend with 3-digit quotient and zero in tens place	TE p. 112-113, SE p. 5111-5112, PL slides 1-4	Lessons 101 TE p. 242 Test 20, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 276-277, 336-337, 360-361	5.NBT	6	
Lesson 48: Equivalents for centimeters, meters, kilometers, kilograms, liters, milliliters, millimeters, gallons, pounds, tons & dozens	TE p. 114-115, SE p. 5113-5114, PL slides 1	Lessons 103 TE p. 246 Tests 10, 11, 2 <sup>nd</sup> Qtr, 17, 20; TE p. 132-133, 144-145, 168-169, 228-229, 276-277	5.MD	1	
Converting measurements using multiplication	TE p. 114-115, SE p. 5113-5114, PL slides 2-5	Lessons 58 TE p. 138 Tests 10, 11, 17; TE p. 132-133, 144-145, 228-229	5.MD	1	
Determining the measurement that is longer or shorter or heavier or lighter	TE p. 114-115, SE p. 5113-5114, PL slides 4-5	Lessons 54 TE p.128 Test 11, Yr End 1; TE p. 144-145, 348-349	5.MD	1	

<p>Lesson 49: Learning division facts with dividends up to 81 and less than 100 with 12 as a factor</p> <p>Dividing with a 2-digit divisor and a dividend less than 100 with remainders</p>	<p>TE p. 116-117, SE p. 5115-5116, PL slides 6-11</p> <p>TE p. 116-117, SE p. 5115-5116, PL slides 1-5</p>	<p>Lessons 71, 73, 93 TE p. 170, 174, 222 Tests 11, 2<sup>nd</sup> Qtr, 14, 15, 17, 18, 3<sup>rd</sup> Qtr, 23; TE p. 96-97, 144-145, 168-169, 192-193, 204-205, 228-229, 240-241, 252-253, 312-313</p> <p>Lessons 128, 141 TE p. 306, 338 Tests 10, 12, 2<sup>nd</sup> Qtr, 20, 24, 4<sup>th</sup> Qtr, Yr End 2; TE p. 132-133, 156-157, 168-169, 276-277, 324-325, 360-361</p>	<p>5.OA</p> <p>3</p> <p>5.NBT</p> <p>6</p>	<p></p> <p></p>	<p></p> <p></p>
<p>Lesson 50: Adding and subtracting fractions with unlike denominators</p>	<p>TE p. 118-119, SE p. 5117-5118, PL slides 1-9</p>	<p>Lessons 69, 122 TE p. 164, 292 Tests 10, 3<sup>rd</sup> Qtr, 23, 24, 4<sup>th</sup> Qtr, Yr End 2; TE p. 132-133, 252-253, 312-313, 324-325, 336-337, 360-361</p>	<p>5.NF</p> <p>1</p>	<p></p>	<p></p>
<p>Lesson 51: Learning the equivalent for one year in days and in weeks Learning about leap year</p> <p>Calculating elapsed time crossing months</p>	<p>TE p. 122-123, SE p. 5121-5122, PL slides 1-2</p> <p>TE p. 122-123, SE p. 5121-5122, PL slides 1-4</p> <p>TE p. 122-123, SE p. 5121-5122, PL slides 5-6</p>	<p>Tests Yr End 1; TE p. 348-349</p> <p>Tests 11, 12, 14, 18; TE p. 144-145, 156-157, 192-193, 240-241 Create A Problem 14; TE p. 193</p>	<p></p>	<p></p>	<p></p>

Lesson 52: Determining coordinate points	TE p. 124-125, SE p. 5123-5124, PL slides 1-6	Lessons 64, 90, 123, 140 TE p. 152, 214, 294, 334 Tests 11, 17, 21, 23, 24, Yr End 2, Yr End 2; TE p. 144-145, 228-229, 288-289, 312-313, 324-325, 360-361	5.G	1	
Lesson 53: Using Venn Diagrams to understand the union and intersection of sets	TE p. 126-127, SE p. 5125-5126, PL slides 1-6	Lesson 88 TE p. 210 Stretch 117, 126, 135; TE p. 280, 302, 322			
Lesson 54: Learning length abbreviations	TE p. 128-129, SE p. 5127-5128, PL slide 1	Lessons 103 TE p. 246			
Calculating perimeters	TE p. 128-129, SE p. 5127-5128, PL slides 1-7	Lessons 63, 95 TE p.150, 226 Tests 11, 14; TE p. 144-145, 192-193 Create A Problem 22; TE p. 301			
Lesson 55: Calculating the answer to a word problem using 2 to 1 and 5 to 1 ratios	TE p. 130-131, SE p. 5129-5130, PL slides 3-10	Tests 11, 12, 13, 20; TE p. 144-145, 156-157, 180-181, 276-277	5.OA	2	
Recognizing multiplication without the "x" symbol	TE p. 130-131, SE p. 5129-5130, PL slides 1-2	Lesson 77 TE p. 184	5.OA	2, 3	

Lesson 56: Calculating the area of a rectangle	TE p. 134-135, SE p. 5133-5134, PL slides 1-6	Lessons 63, 95, 134, 137, 144, 152 TE p. 150, 226, 320, 344, 364 Tests 11, 12, 13, 15, Yr End 1, Yr End 2; TE p. 144-145, 156-157, 180-181, 204-205, 348-349, 360-361	5.NF	4	b
Lesson 57: Calculating elapsed time (hours) involving AM and PM	TE p. 136-137, SE p. 5135-5136, PL slides 1-5	Lessons 73 TE p. 174 Tests 11, 12, 14, 18; TE p. 144-145, 156-157, 192-193, 240-241	5.MD 5.MP	1 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 58: Solving word problems by listing the possibilities	TE p. 138-139, SE p. 5137-5138, PL slides 1-3	Lessons 70 TE p. 166 Tests 2 <sup>nd</sup> Qtr, 15, 23; TE p. 168-169, 204-205, 312-313	5.NBT	2	
Converting measurements using division	TE p. 138-139, SE p. 5137-5138, PL slides 4-5	Tests 15, 19; TE p. 204-205, 264-265	5.MD	1	
Lesson 59: Calculating equivalent fractions using division	TE p. 140-141, SE p. 5139-5140, PL slides 1-6	Lessons 135 TE p.322 Tests 2 <sup>nd</sup> Qtr, 13, 15, 19; TE p. 168-169, 180-181, 204-205, 264-265			
Lesson 60: Determining the probability of an event	TE p. 142-143, SE p. 5141-5142, PL slides 1-8	Lessons 117, 142 TE p. 280, 340 Tests 2 <sup>nd</sup> Qtr, 3 <sup>rd</sup> Qtr, 22, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 168-169, 252-253, 300-301, 336-337, 360-361;	5.MP	1, 2, 3, 4, 5, 6, 7, 8	

Lesson 61: Determining factors	TE p. 146-147, SE p. 5145-5146, PL slides 1-4	Lessons 62, 88, 91 TE p. 148, 210, 218 Tests 13, 14, 18, 3 <sup>rd</sup> Qtr, Yr End 1, Yr End 2; TE p. 180-181, 192-193, 240-241, 252-253, 348-349, 360-361	5.OA 5.NBT	2 5	
Lesson 62: Determining composite numbers, prime numbers and prime factors	TE p. 148-149, SE p. 5147-5148, PL slides 1-4	Lessons 88, 91, 93 TE p. 210, 218, 222 Tests 13, 14, 18, 3 <sup>rd</sup> Qtr, Yr End 1, Yr End 2; TE p. 180-181, 192-193, 240-241, 252-253, 348-349, 360-361	5.OA	5	
Lesson 63: Solving word problems involving area and perimeter	TE p. 150-151, SE p. 5149-5150, PL slides 1-6	Tests 14; TE p.192-193 Create A Problem 21, 22, 23; TE p. 289, 301, 313	5.NBT 5.NF	5 4	b
Lesson 64: Measuring vertical and horizontal lines by subtracting X- and Y-coordinates	TE p. 152-153, SE p. 5151-5152, PL slides 1-4	Lessons 90, 140 TE p. 214, 334	5.G	1, 2	
Lesson 65: Recognizing tenths and hundredths places	TE p. 154-155, SE p. 5153-5154, PL slides 1-2	Lessons 121 TE p. 290 Tests	5.NBT	3	
Recognizing decimal number words	TE p. 154-155, SE p. 5153-5154, PL slides 5-8	Tests 23; TE p. 312-313	5.NBT	3	a
Writing mixed numbers as decimals; Writing decimal numbers as mixed numbers	TE p. 154-155, SE p. 5153-5154, PL slides 3-4	Lessons 80, 121 TE p. 190, 290 Tests 13, 24, Yr End 2; TE p. 180-181, 324-325, 360-361			

Lesson 66: Adding and subtracting decimal numbers	TE p. 158-159, SE p. 5157-5158, PL slides 1-4	Lessons 82, 100, TE p. 196, 238 Tests 13, 18, 3 <sup>rd</sup> Qtr, Yr End 1; TE p. 180-181, 240-241, 252-253, 348-349 Create A Problem 18; TE p. 241	5.NBT	7	
Lesson 67:  Comparing U.S. customary and metric units	TE p. 160-161, SE p. 5159-5160, PL slides 1-3		5.MD	1	
Lesson 68: Changing an improper fraction to a mixed or whole number	TE p. 162-163, SE p. 5161-5162, PL slides 1-5	Lessons 77, 78, 99, 113, 127, 136 TE p. 184, 186, 236, 270, 304, 326	5.NF	3 4	a
Lesson 69: Adding and subtracting fractions in word problems	TE p. 164-165, SE p. 5163-5164, PL slides 1-6	Lessons 122 TE p. 292 Tests 4 <sup>th</sup> Qtr, Yr End 2; TE p. 336-337, 360-361 Create A Problem 24; TE p. 325	5.NF	2	
Lesson 70: Determining the question when given the information and the answer	TE p. 166-167, SE p. 5165-5166, PL slides 1-4		5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Estimating which answer is most reasonable	TE p. 166-167, SE p. 5165-5166, PL slides 5-8	Lessons 82 TE p. 196	5.OA	2	

<p>Lesson 71: Learning division facts with remainders with dividends to 81</p> <p>Learning the terminology of rhombus and trapezoid</p>	<p>TE p. 170-171, SE p. 5169-5170, PL slides 4-5</p> <p>TE p. 170-171, SE p. 5169-5170, PL slides 1-3</p>	<p>Lessons 73, 93 TE p. 174, 222 Tests 14, 15, 17, 18, 3<sup>rd</sup> Qtr, 23; TE p. 192-193, 204-205, 228-229, 240-241, 252-253, 312-313</p> <p>Lessons 75 TE p. 178 Tests 14, 15, 21, 22, 4<sup>th</sup> Qtr; TE p. 192-193, 204-205, 288-289, 300-301, 336-337,</p>	<p>5.OA</p> <p>5.G</p>	<p>3</p> <p>3, 4</p>	
<p>Lesson 72: Calculating the volume of a rectangular prism with one or more layers of cubes</p>	<p>TE p. 172-173, SE p. 5171-5172, PL slides 1-6</p>	<p>Lessons 84 TE p. 200 Tests 14, 16, 3<sup>rd</sup> Qtr, Yr End 1; TE p. 192-193, 216-217, 252-253, 348-349</p>	<p>5.MD</p>	<p>3 4 5</p>	<p>a, b</p> <p>a, b, c</p>
<p>Lesson 73: Learning division facts with dividends up to 121 with 11 as a factor and up to 144 with 12 as a factor</p> <p>Calculating elapsed time in minutes across the 12 on the clock</p>	<p>TE p. 174-175, SE p. 5173-5174, PL slides 5-6</p> <p>TE p. 174-175, SE p. 5173-5174, PL slides 1-4</p>	<p>Lessons 93 TE p. 222 Tests 17, 18, 3<sup>rd</sup> Qtr, 23; TE p. 228-229, 240-241, 252-253, 312-313</p> <p>Tests 14, 18; TE p. 192-193, 240-241</p>	<p>5.OA 5.NBT</p> <p>5.MD 5.MP</p>	<p>2 6</p> <p>1, 2, 3, 4, 5, 6, 7, 8</p>	
<p>Lesson 74: Calculating distance, time and speed in word problems</p>	<p>TE p. 176-177, SE p. 5175-5176, PL slides 1-5</p>	<p>Tests 15, 16, 3<sup>rd</sup> Qtr; TE p. 204-205, 216-217, 252-253 Create A Problem 7, 21; TE p. 97, 289</p>	<p>5.OA 5.NBT 5.MP</p>	<p>2 5, 6 1, 2, 3, 4, 5, 6, 7, 8</p>	

Lesson 75: Recognizing parts of a circle	TE p. 178-179, SE p. 5177-5178, PL slides 1-4	Lessons 75, 145 TE p. 178, 346 Tests 14, 15, 16, 3 <sup>rd</sup> Qtr, Yr End 1, Yr End 2; TE p. 192-193, 204-205, 216-217, 252-253, 348-349, 360-361	5.G	3	
Calculating the diameter given the radius	TE p. 178-179, SE p. 5177-5178, PL slides 5-6	Lesson 145 TE p. 346 Tests 14, 15, 16, Yr End 1; TE p. 192-193, 204-205, 216-217, 252-253, 349-349	5.G	3	
Associating the 360 degrees in a circle with one-quarter, one-half, three-quarter and full turns	TE p. 178-179, SE p. 5177-5178, PL slides 7-10	Lessons 145 TE p. 346 Test Yr End 1; TE p. 348-349	5.G	3	
Lesson 76: Simplifying fractions	TE p. 182-183, SE p. 5181-5182, PL slides 1-7	Lessons 77, 99, 113, 126, 127 TE p. 184, 236, 270, 302, 304 Tests	5.NF	7	a
Lesson 77: Recognizing division without the $\div$ symbol	TE p. 184-185, SE p. 5183-5184, PL slides 4-5		5.OA	1	
Converting improper fractions as part of mixed numbers	TE p. 184-185, SE p. 5183-5184, PL slides 1-3	Lessons 78, 83, 99, 113, 127, 136 TE p. 186, 198, 236, 270, 304, 326 Tests	5.NF	1 7	a



Lesson 78: Determining the improper fraction with the greatest or least value in a set of fractions	TE p. 186-187, SE p. 5185-5186, PL slides 1-2	Lessons 105, 106 TE p. 250, 254	5.NF	3	
Putting fractions in order from least to greatest and greatest to least	TE p. 186-187, SE p. 5185-5186, PL slides 3-4	Lessons 105, 106 TE p. 250, 254	5.NF	3	
Lesson 79: Dividing dollars by dollars	TE p. 188-189, SE p. 5187-5188, PL slides 1-6	Lessons 147, 153 TE p. 346, 366 Tests 16, 17, 3 <sup>rd</sup> Qtr, 19, 21, 22, 23, Yr End 2; TE p. 216-217, 228-229, 252-253, 264-265, 288-289, 300-301, 360-361	5.NBT	7	
Lesson 80: Recognizing numbers up through trillions	TE p. 190-191, SE p. 5189-5190, PL slides 1-3	Lessons 121 TE p. 290 Tests 15, 16, 17, 22, 23; TE p. 204-205, 216-217, 228-229, 300-301, 312-313	5.NBT	1	
Recognizing numbers given in expanded notation	TE p. 190-191, SE p. 5189-5190, PL slides 4-9	Tests 15, 16, 17, 23, Yr End 1: TE p. 204-205, 216-217, 228-229, 312-313, 348-349	5.NBT	1	
Lesson 81: Multiplying a decimal number by a whole number	TE p. 194-195, SE p. 5193-5194, PL slides 1-4	Lessons 107, 153 TE p. 256, 366 Tests 19, 20, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 264-265, 276-277, 336-337, 348-349	5.NBT	7	

Lesson 82: Solving equations involving decimals	TE p. 196-197, SE p. 5195-5196, PL slides 4-5	Tests 3 <sup>rd</sup> Qtr, 21; TE p. 252-253, 288-289	5.NBT	3 4, 7	a
Estimating answers to problems involving numbers with up to nine digits	TE p. 196-197, SE p. 5195-5196, PL slides 1-3	Lessons 92 TE p.220 Tests 16, 17, 18, 20; TE p. 216-217, 228-229, 240-241, 276-277	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Lesson 83: Converting fractions to percents by setting up equivalent fractions	TE p. 198-199, SE p. 5197-5198, PL slides 1-5	Lessons 113, 127, 136 TE p. 270, 304, 326 Tests 16; TE p.216-217	5.NF	4 6	a
Converting decimals to percents by setting up equivalent fractions	TE p. 198-199, SE p. 5197-5198, PL slides 6	Lessons 113, 136 TE p. 270, 326 Tests 17; TE p. 228-229	5.NF		
Converting fractions and decimals to percents by setting up equivalent fractions	TE p. 198-199, SE p. 5197-5198, PL slides 1-6	Lessons 113, 127, 136 TE p. 270, 304, 326	5.NF		
Lesson 84: Calculating the volume of a rectangular prism using the formula $L \times W \times H$	TE p. 200-201, SE p. 5199-5200, PL slides 1-5	Tests 14, 16, 3 <sup>rd</sup> Qtr, Yr End 1; TE p. 192-193, 216-217, 252-253, 348-349	5.MD	5	b
Lesson 85: Comparing decimal numbers in true and not true statements	TE p. 202-203, SE p. 5201-5202, PL slides 10-11	Lessons 98, 111 TE p. 234, 266	5.NBT	3	B
Comparing decimal numbers in less than and greater than problems	TE p. 202-203, SE p. 5201-5202, PL slides 1-9	Lessons 98, 111 TE p. 234, 266	5.NBT	3	b

Lesson 86: Recognizing the pattern in a sequence of figures or pattern of shading	TE p. 206-207, SE p. 5205-5206, PL slides 1-6	Tests 9, 11, 19; TE p. 120-121, 144-145, 264-265	5.OA		
Lesson 87: Filling in missing numbers in sequences counting by 11 or 12	TE p. 208-209, SE p. 5207-5208, PL slides 3-7	Lessons 104, 111 TE p. 248, 266 Tests Yr End 1; TE p. 348-349	5.OA		
Recognizing three-digit odd and even numbers	TE p. 208-209, SE p. 5207-5208, PL slides 1-2	Tests 17, 23; TE p. 228-229, 312-313	5.OA	3	
Lesson 88: Determining the greatest common factor	TE p. 210-211, SE p. 5209-5210, PL slides 1-5	Lesson 93 TE 222 Tests 17, Yr End 1, Yr End 2; TE p. 228-229, 348-349, 360-361	5.NBT 5.MP	5 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 89: Comparing positive and negative numbers	TE p. 212-213, SE p. 5211-5212, PL slides 1-5	Lessons 123, 150, 151, 154, 155 TE p. 294, 358, 362, 368, 370	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Lesson 90: Determining if coordinate points are on a given line	TE p. 214-215, SE p. 5213-5214, PL slides 1-8	Lessons 123, 140 TE p. 294, 334 Tests 21, 23, 24, Yr End 1, Yr End 2; TE p. 288-289, 312-313, 324-325, 348-349, 360-361	5.G	1	
Lesson 91: Determining numbers that are multiples of one number and factors of another	TE p. 218-219, SE p. 5217-5218, PL slides 1-6	Tests Yr End 1; TE p. 348-349	5.OA 5.NBT	3 5	

Lesson 92: Estimating to the nearest dollar or whole number	TE p. 220-221, SE p. 5219-5220, PL slides 1-10	Lessons 121, 149 TE p. 290, 356 Tests 18, 19, 24, Yr End 1; TE p. 240-241, 264-265, 348-349 Create A Problem 11; TE p. 145	5.NBT	4	
Lesson 93: Determining if a number is a prime number	TE p 222-223, SE p. 5221-5222, PL slides 1-7	Tests 17, 18, 3 <sup>rd</sup> Qtr, 23; TE p. 228-229, 240-241, 252-253, 312-313	5.OA	3	
Lesson 94: Dividing a decimal number by a whole number	TE p. 224-225, SE p. 5223-5224, PL slides 1-6	Lessons 147 TE p. 352 Tests 18, 3 <sup>rd</sup> Qtr, 19, 20, 21, 22, 23, Yr End 2; TE p. 240-241, 252-253, 264-265, 276-277, 288-289, 300-301, 312-313, 360-361	5.NBT	7	
Lesson 95: Calculating area and perimeter given coordinates on a coordinate grid	TE p. 226-227, SE p. 5225-5226, PL slides 1-6	Lessons 134, 144, 152 TE p. 320, 344, 364	5.G	2	
Calculating the perimeter of an irregular figure	TE p. 226-227, SE p. 5225-5226, PL slides 7-10	Lessons 152 TE p. 364	5.MD		

Lesson 96: Learning about the Associative Property of Addition	TE p. 230-231, SE p. 5229-5230, PL slides 5-6		5.OA	1, 2	
Learning about the Distributive and Associative Properties of Multiplication	TE p. 230-231, SE p. 5229-5230, PL slides 1-4		5.OA	1, 2	
Learning the Property of One and Zero Property	TE p. 230-231, SE p. 5229-5230, PL slides 7		5.OA	1, 2	
Lesson 97: Calculating cost per unit	TE p. 232-233, SE p. 5231-5232, PL slides 1-5	Tests 3 <sup>rd</sup> Qtr; TE p. 252-253	5.NBT 5.MP	5, 6, 7 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 98: Putting decimal numbers in order from least to greatest and greatest to least	TE p. 234-235, SE p. 5233-5234, PL slides 1-6	Lessons 111, 121, 148 TE p. 266, 290, 354 Tests 19; TE p. 264-265	5.NBT	3	b
Lesson 99: Simplifying improper fractions as part of mixed number answers	TE p. 236-237, SE p. 5235-5236, PL slides 1-13	Lessons 106, 113, 127, 136 TE p. 254, 270, 304, 326	5.NF	1	

Lesson 100: Calculating a decimal answer in division problems when zeroes need to be added to the right of the dividend	TE p. 238-239, SE p. 5237-5238, PL slides 1-3	Lessons 120, 147 TE p. 286, 352 Tests 23, 24, Yr End 2; TE p. 312-313, 324-325, 360-361	5.NBT	3	B
Solving word problems involving decimals	TE p. 238-239, SE p. 5237-5238, PL slides 4-9	Lessons 135 TE p. 322 Tests 17, 21; TE p. 228-229, 288-289	5.NBT 5.MP	7	1, 2, 3, 4, 5, 6, 7, 8
Lesson 101: Dividing using short division	TE p. 242-243, SE p. 5241-5242, PL slides 1-4	Lessons 146 TE p. 350	5.NBT	6	
Lesson 102: Calculating averages	TE p. 244-245, SE p. 5243-5244, PL slides 1-5	Lessons 103, 135 TE p. 246, 322 Tests 19, 20, 4 <sup>th</sup> Qtr, Yr End 1, Yr End 2; TE p. 264-265, 276-277, 336-337, 348-349, 360-361	5.MD		
Lesson 103: Calculating averages	TE p. 246-247, SE p. 5245-5246, PL slides 1-6	Lessons 103, 135 TE p. 246, 322 Tests 19, 20, 4 <sup>th</sup> Qtr, Yr End 1, Yr End 2; TE p. 264-265, 276-277, 336-337, 348-349, 360-361 Create A Problem 21; TE p 289	5.MD 5.NBT	1 6	
Abbreviations for quarts, gallons, kilograms, grams, pounds, ounces, liters, milliliters and millimeters	TE p. 246-247, SE p. 5245-5246, PL slides 7	Tests 19 TE p. 264-265	5.MD	1	

Lesson 104: Filling in missing numbers in sequences counting by varying amounts	TE p. 248-249, SE p. 5247-5248, PL slides 1-6	Lessons 111 TE p. 266 Tests Yr End 1; TE p. 348-349	5.OA	3	
Lesson 105: Comparing fractions in less than and greater than problems and in true and not true equations by setting up equivalent fractions	TE p. 250-251, SE p. 5249-5250, PL slides 1-6	Lessons 106 TE p. 254 Tests 19, 20, 24; TE p. 264-265, 276-277, 324-325	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Comparing fractions in word problems	TE p. 250-251, SE p. 5249-5250, PL slides 7-12	Tests 4 <sup>th</sup> Qtr, Yr End 2; TE p. 336-338, 360-361	5.NF 5.MP	2 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 106: Selecting the fraction that best represents a shaded region	TE p. 254-255, SE p. 5253-5254, PL slides 1-6	Tests 20; TE p. 276-277			
Lesson 107: Multiplying a three-digit whole or decimal number or money amount by a two-digit number	TE p. 256-257, SE p. 5255-5256, PL slides 1-8	Lessons 139 TE p. 332 Tests 19, 20, 21, 22, 24, Yr End 1; TE p. 264-265, 276-277, 288-289, 300-301, 324-325, 348-349	5.NBT	5	
Multiplying a money amount by a two-digit number	TE p. 256-257, SE p. 5255-5256, PL slides 4-8	Lessons 149 TE p. 356 Create A Problem 8; TE p. 109	5.NBT	7	
Multiplying a three-digit decimal number by a two-digit number	TE p. 256-257, SE p. 5255-5256, PL slides 4-8	Lessons 139 TE p. 332 Tests 20, Yr End 2; TE p. 276-277, 360-361	5.NBT	7	

Lesson 108: Recognizing Roman Numerals I, V, X, L, C, D and M	TE p. 258-259, SE p. 5257-5258, PL slides 1-7	Tests 20, 4 <sup>th</sup> Qtr; TE p. 276-277, 336-337 Stretch 109, 141; TE p. 260, 338	5.OA	3	
Lesson 109: Determining percent in word problems	TE p. 260-261, SE p. 5259-5260, PL slides 1-7	Lessons 130 TE p. 310 Tests 20, 21, 24, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 276-277, 288-289, 324-325, 336-337, 360-361	5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Lesson 110: Multiplying fractions and whole numbers by fractions	TE p. 262-263, SE p. 5261-5262, PL slides 1-12	Lessons 126, 153 TE p. 302, 366 Tests 20, 21, 24, 4 <sup>th</sup> Qtr, Yr End 1; TE p. 276-277, 288-289, 324-325, 336-337, 348-349	5.NF	4 5	a b
Lesson 111: Filling in missing numbers in a sequence of decimal numbers	TE p. 266-267, SE p. 5265-5266, PL slides 1-9		5.OA 5.NBT	3 3	a
Lesson 112: Converting percents to decimals	TE p. 268-269, SE p. 5267-5268, PL slides 1-2	Tests 17; TE p. 228-229	5.NBT	7	
Computing the percent of a whole number	TE p. 268-269, SE p. 5267-5268, PL slides 3-5	Lessons 116, 125, 130, 149 TE p. 278, 298, 310, 149 Tests 21, 22; TE p. 288-289, 300, 301	5.NBT	7	
Lesson 113: Converting mixed numbers to decimal numbers by setting up equivalent fractions	TE p. 270-271, SE p. 5269-5270, PL slides 1-6	Lessons 136 TE p. 326	5.NF		



Lesson 114: Reading maps drawn to scale	TE p. 272-273, SE p. 5271-5272, PL slides 1-6	Test 21; TE p. 288-289	5.G		
Lesson 115: Calculating the mean, median and mode	TE p. 274-275, SE p. 5273-5274, PL slides 1-5		5.MP	1, 2, 3, 4, 5, 6, 7, 8	
Using stem and leaf plots	TE p. 274-275, SE p. 5273-5274, PL slides 6-7		5.MD 5.MP	2 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 116: Solving problems using data displayed as percent pie graphs	TE p. 278-279, SE p. 5277-5278, PL slides 1-5	Lessons 125 TE p. 298	5.MD 5.MP	2 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 117: Writing probabilities as lowest-terms fractions	TE p. 280-281, SE p. 5279-5280, PL slides 1-7	Lessons 142 TE p. 340	5.NF	1	
Lesson 118: Determining the reciprocal of a whole number or fraction	TE p. 282-283, SE p. 5281-5282, PL slides 1-6	Tests 22, Yr End 2; TE p. 300-301, 348-349	5.NF	4 5	a b
Lesson 119: Dividing a 3-digit divisor into a 3- or 4-digit dividend with a 1-digit quotient	TE p. 284-285, SE p. 5283-5284, PL slides 1-8	Tests 22, Yr End 2; TE p. 300-301, 360-361	5.NBT	5, 6	
Lesson 120: Determining where to place the decimal when multiplying and dividing decimal numbers by powers of ten	TE p. 286-287, SE p. 5285-5286, PL slides 1-12	Lessons 121, 148 TE p. 290, 354	5.NBT	2	

Lesson 121: Recognizing the thousandths place	TE p. 290-291, SE p. 5289-5290, PL slides 1	Lessons 125, 148 TE p. 298, 354	5.NBT	1	
Rounding decimal numbers to the nearest tenth or hundredth	TE p. 290-291, SE p. 5289-5290, PL slides 2-5	Tests 23, 24, Yr End 2; TE p. 312-313, 324-325, 360-361	5.NBT	4	
Lesson 122: Subtracting fractions with regrouping	TE p. 292-293, SE p. 5291-5292, PL slides 1-5	Tests 24, Yr End 2; TE p. 324-325, 360-361	5.NF	1	
Lesson 123: Determining negative numbers using coordinate points	TE p. 294-295, SE p. 5293-5294, PL slides 1-7	Lessons 140 TE p. 334 Test Yr End 2; TE p. 360-361;	5.G	1	
Lesson 124: Determining the equation that represents a problem and the equation that solves it	TE p. 296-297, SE p. 5295-5296, PL slides 1-5	Lessons 140 TE p. 334 Tests 23; TE p. 312-313	5.OA 5.MP	2 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 125: Selecting the decimal that best represents a shaded region	TE p. 298-299, SE p. 5297-5298, PL slides 1-8	Lessons 148 TE p. 354 Tests 4 <sup>th</sup> Qtr, Yr End 2; TE p. 336-337, 360-361	5.NBT		
Lesson 126: Using multiplication and division to cross simplify fraction problems	TE p. 302-303, SE p. 5301-5302, PL slides 1-7	Lessons 127, 153 TE p. 304, 366	5.NF	4 5 7	a b a, b
Lesson 127: Converting mixed numbers to improper fractions	TE p. 304-305, SE p. 5303-5304, PL slides 1-9	Lessons 136 TE p. 326 Test Yr End 2; TE p. 360-361	5.NF	1	

Lesson 128: Dividing a 2-digit divisor into a 3-digit dividend with a 2-digit quotient	TE p. 306-307, SE p. 5305-5306, PL slides 1-5	Lessons 141 TE p. 338 Tests 24, Yr End 2; TE p. 324-325, 360-361	5.NBT	6	
Lesson 129: Dividing fractions	TE p. 308-309, SE p. 5307-5308, PL slides 1-5	Lessons 135, 153 TE p. 322, 366 Tests 24, Yr End 2; TE p. 324-325, 360-361	5.NF	7	A, b
Lesson 130: Solving word problems involving percent	TE p. 310-311, SE p. 5309-5310, PL slides 1-10	Lessons 149 TE p. 356 Tests 24, 4 <sup>th</sup> Qtr, Yr End 2; TE p. 324-325, 336-337, 360-361	5.NF 5.MP	4 6 1, 2, 3, 4, 5, 6, 7, 8	a
Lesson 131: Computing products involving two decimal numbers	TE p. 314-315, SE p. 5313-5314, PL slides 1-4	Lessons 132 TE p. 316	5.NBT	7	
Lesson 132: Computing products involving two decimal numbers	TE p. 316-317, SE p. 5315-5316, PL slides 1-5		5.NBT	7	
Lesson 133: Solving word problems involving the multiplication of fractions	TE p. 318-319, SE p. 5317-5318, PL slides 1-5	Lessons 135 TE p. 322 Test Yr End 2; TE p. 360-361	5.NF	6	

Lesson 134: Calculating the area of a parallelogram	TE p. 320-321, SE p. 5319-5320, PL slides 1-6	Lessons 137, 144, 152 TE p. 328, 344, 364 Tests Yr End 2; TE p. 360-361	5.MD		
Lesson 135: Calculating averages involving fractions	TE p. 322-323, SE p. 5321-5322, PL slides 1-8	Tests 4 <sup>th</sup> Qtr, Yr End 1 Yr End 2; TE p. 336-337, 348-349, 360-361	5.NBT 5.NF	7 5 6 7	B  B, c
Calculating averages involving decimals	TE p. 322-323, SE p. 5321-5322, PL slides 5-8	Tests 4 <sup>th</sup> Qtr, Yr End 1 Yr End 2; TE p. 336-337, 348-349, 360-361	5.NBT 5.NF	7	
Calculating averages involving decimals or fractions	TE p. 322-323, SE p. 5321-5322, PL slides 1-8	Tests 4 <sup>th</sup> Qtr, Yr End 1 Yr End 2; TE p. 336-337, 348-349, 360-361	5.NBT 5.NF	7 5, 6, 7	
Lesson 136: Converting fractions to decimals using division	TE p. 326-327, SE p. 5325-5326, PL slides 1-4	Lessons 153 TE p. 366 Tests Yr End 2; TE p. 360-360	5.NF	3 7	A, b
Lesson 137: Calculating the surface area of a rectangular prism	TE p. 328-329, SE p. 5327-5328, PL slides 1-8		5.MD		
Lesson 138: Calculating using exponents	TE p. 330-331, SE p. 5329-5330, PL slides 1-6	Tests Yr End 2; TE p. 360-360	5.OA		

Lesson 139: Multiplying a three-digit number by a three-digit number	TE p. 332-333, SE p. 5331-5332, PL slides 1-6		5.NBT	5	
Lesson 140: Identifying the equation that represents a line on a coordinate graph	TE p. 334-335, SE p. 5333-5334, PL slides 1-7		5.OA	2, 3	
Lesson 141: Dividing a 2-digit divisor into a 3-digit dividend with a 1-digit quotient	TE p. 338-339, SE p. 5337-5338, PL slides 1-5		5.NBT	6	
Lesson 142: Computing expected numbers based on probabilities	TE p. 340-341, SE p. 5339-5340, PL slides 1-7		5.NF	4 5 6 7	A B b
Lesson 143: Determining the rule that creates a pattern	TE p. 342-343, SE p. 5341-5342, PL slides 1-5		5.OA 5.NBT 5.MP	2, 3 5 1, 2, 3, 4, 5, 6, 7, 8	
Lesson 144: Calculating the area of a triangle	TE p. 344-345, SE p. 5343-5344, PL slides 1-6		5.G	3, 4	
Lesson 145: Calculating the circumference and area of a circle	TE p. 346-347, SE p. 5345-5346, PL slides 1-7		5.MD		
Recognizing $\pi$ (pi) and squared	TE p. 346-347, SE p. 5345-5346, PL slides 1, 4		5.MD		
Lesson 146: Simplifying division problems using powers of ten	TE p. 350-351, SE p. 5349-5350, PL slides 1-6		5.NBT	1, 2 3, 6, 7	a

Lesson 147: Dividing a decimal number by a decimal number	TE p. 352-353, SE p. 5351-5352, PL slides 1-8		5.NBT	7	
Lesson 148: Arranging fractions, decimals and mixed numbers on a number line	TE p. 354-355, SE p. 5353-5354, PL slides 1-5		5.NBT	3	b
Lesson 149: Computing sales tax	TE p. 356-357, SE p. 5355-5356, PL slides 1-5		5.OA	7	
Lesson 150: Adding positive and negative integers	TE p. 358-359, SE p. 5357-5358, PL slides 1-6	Lessons 151 TE p. 362	5.OA		
Lesson 151: Adding positive and negative integers	TE p. 362-363, SE p. 5361-5362, PL slides 1-5	Lessons 151 TE p. 362	5.OA		
Lesson 152: Calculating the area of an irregular figure	TE p. 364-365, SE p. 5363-5364, PL slides 1-5		5.MD		
Lesson 153: Multiplying mixed numbers  Dividing mixed numbers  Multiplying and dividing mixed numbers	TE p. 366-367, SE p. 5365-5366, PL slides 1-10  TE p. 366-367, SE p. 5365-5366, PL slides 1-10  TE p. 366-367, SE p. 5365-5366, PL slides 1-10		5.NF  5.NF  5.NF	4 6 7 4 6 7 4 6 7	a  a,  b  ab

Lesson 154: Subtracting positive and negative integers	TE p. 368-369, SE p. 5367-5368, PL slides 1-5	Lessons 155 TE p. 370	5.OA		
Lesson 155: Subtracting positive and negative integers	TE p. 370-371, SE p. 5369-5370, PL slides 1-7	Lessons 155 TE p. 370	5.OA		