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Standards / Benchmark Skills	Textbook Standard Alignment/TABE Emphasis Level: (Low) (Medium) (High)	TABE Mastery New Readers Press	Scoreboost for TABE	TABE Tutor	TABE Tutor Practice	TABE ACADEMY	Resources
NUMBER and OPERATIONS IN BASE TEN (15% of Test)							
MA.ABE.1.3.1 Generalize place value understanding for multi-digit whole numbers.	4.NBT.1: (Medium) Explain that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. 4.NBT.3: (Low) Use place value to round multi-digit whole numbers to any place.	Unit 1 – Lesson 1: Understand the Base- ten System Pg. 18-21	Book 1 – Unit 1- Strategy 1: Understand the Base-Ten System Pg.4-6	Unit 1 – Lesson 1: Place Value in Whole Numbers Pg. 2-3 Unit 1 – Lesson 2: Round Whole Numbers Pg. 4-5	Book 1 – Unit 1- Practice 1: Place Value in Whole Numbers Pg. 2-3 Book 1 – Unit 1- Practice 2: Round Whole Numbers Pg. 4-5	Online Lessons: <ul style="list-style-type: none"> • Introduction to Decimals • Decimals Test-Out Quiz • Decimals Unit Quiz • Place Value • Rounding Whole Numbers • Understanding Whole Numbers Test-Out Quiz • Understanding Whole Numbers Unit Quiz 	 Place Value.pdf  Place Value 2.pdf  Round Numbers.pdf  Round Numbers 2.pdf
MA.ABE.1.3.2 Use strategies based on place value understanding and properties of operations to perform multi-digit arithmetic.	4.NBT.4: (Low) Fluently add and subtract multi-digit whole numbers using the standard algorithm	Unit 1- Lesson2: Add and Subtract Whole Numbers Pg.22-25	Book 1- Unit 1- Strategy 2: Add and Subtract Whole Numbers Pg.7-10	Unit 1 – Lesson 3: Add and Subtract Whole Numbers Pg. 6-7	Book 1 – Unit 1- Practice 3: Add and Subtract Whole Numbers Pg. 6-7	Online Lessons: <ul style="list-style-type: none"> • Flash Cards: Adding and Subtracting Single-Digit Whole Numbers • Adding Whole Numbers • Subtracting Whole Numbers • Flash Cards: Adding and Subtracting within 20 • Whole Numbers and Operations Test-Out Quiz • Whole Numbers and Operations Unit Quiz 	 Adding Whole Numbers.pdf  Adding Whole Numbers 2.pdf  Subtract Whole Numbers.pdf  Subtract Whole Numbers 2.pdf







<p>MA.ABE.1.3.2 Use strategies based on place value understanding and properties of operations to perform multi-digit arithmetic.</p>	<p>4.NBT.5: (Low) Multiply a whole number of up to four digits by one-digit and two-digit numbers. 5.NBT.5: (Low): Fluently multiply multi digit whole numbers using the standard algorithm.</p>	<p>Unit 1 – Lesson 3: Multiply Whole Numbers Pg.26-29</p>	<p>Book 1 - Unit 1 – Strategy 3: Multiply Whole Numbers Pg.11-13</p>	<p>Unit 1 – Lesson 4: Multiply by One-Digit Numbers Pg. 8-9</p> <p>Unit 1 – Lesson 5: Multiply Multi-Digit Numbers Pg. 10-11</p>	<p>Book 1 – Unit 1- Practice 4: Multiply by One-Digit Numbers Pg. 8-9</p> <p>Book 1 – Unit 1- Practice 5: Multiply Multi-Digit Numbers Pg. 10-11</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> Flash Cards: Multiplying by Powers of 10 Flash Cards: Multi-digit Multiplication Multiplying Whole Numbers I Multiplying Whole Numbers II Whole Numbers and Operations Test-Out Quiz Whole Numbers and Operations Unit Quiz Flash Cards: Multiplication Facts 	<p> Multiply 1 Digit.pdf</p> <p> Multiply 1 Digit 2.pdf</p> <p> Multiply 2 Digits.pdf</p> <p> Multiply 2 Digits 2.pdf</p>
<p>MA.ABE.1.3.2 Use strategies based on place value understanding and properties of operations to perform multi-digit arithmetic.</p>	<p>4.NBT.6: (Low) Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors. 6.NS.2: (Medium): Fluently divide multi-digit numbers using the standard algorithm.</p>	<p>Unit 1 – Lesson 5: Divide Whole Numbers Pg.34-37</p>	<p>Book 1 - Unit 1 – Strategy 5: Divide Whole Numbers Pg.17-19</p>	<p>Unit 1 – Lesson 7: Divide Pg. 14-15</p>	<p>Book 1 – Unit 1- Practice 7: Divide Pg. 14-15</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> Flash Cards: Division Facts Flash Cards: Division with Remainder Dividing Whole Numbers Whole Numbers and Operations Test-Out Quiz Whole Numbers and Operations Unit Quiz 	<p> Divide.pdf</p> <p> Divide 2.pdf</p>
<p>MA.ABE.1.3.3 Use the place value system to understand decimals.</p>	<p>5.NBT.3: (Medium) Read, write, and compare decimals to thousandths. 4.NF.7: (Medium): Compare two decimals to hundredths by reasoning about their size.</p>	<p>Unit 2 – Lesson 1: Read and Write Decimals Pg.42-45</p> <p>Unit 2 – Lesson 2: Compare Decimals Pg.46-49</p>	<p>Book 1 - Unit 2 – Strategy 6: Read and Write Decimals Pg.22-24</p> <p>Book 1 - Unit 2 – Strategy 7: Compare Decimals Pg.25-27</p>	<p>Unit 3 – Lesson 20: Compare Decimals Pg. 44-45</p>	<p>Book 1 – Unit 3- Practice 20: Compare Decimals Pg. 44-45</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> Introduction to Decimals Comparing Decimals Decimals Test-Out Quiz Decimals Unit Quiz Writing Whole Numbers Understanding Whole Numbers Test-Out Quiz 	<p> Reading Decimals.pdf</p> <p> Decimals Word Form.pdf</p> <p> Decimals Word Form 2.pdf</p>












						<ul style="list-style-type: none"> Understanding Whole Numbers Unit Quiz 	 Compare Decimals.pdf  Compare Decimals 2.pdf
MA.ABE.1.3.1 Generalize place value understanding for multi-digit whole numbers.	5.NBT.4: (Low) Use place value to round multi-digit whole numbers	<u>Unit 2 – Lesson 3:</u> Round Decimals Pg.50-53	<u>Book 1 - Unit 2 – Strategy 8:</u> Round Decimals Pg.28-29	<u>Unit 3 – Lesson 21:</u> Round Decimals Pg. 46-47	<u>Book 1 – Unit 3- Practice 21:</u> Round Decimals Pg. 46-47	<u>Online Lessons:</u> <ul style="list-style-type: none"> Introduction to Decimals Decimals Test-Out Quiz Decimals Unit Quiz 	 Rounding Decimals.pdf  Rounding Decimals 2.pdf
MA.ABE.1.3.4 Perform operations with multi-digit whole numbers and with decimals to hundredths.	5. NBT.7: (Low) Add, subtract, multiply, and divide decimals to hundredths by using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction. Relate the strategy to a written method and explain the reasoning used.	<u>Unit 2 – Lesson 4:</u> Add and Subtract Decimals Pg. 54-57 <u>Unit 2 – Lesson 5:</u> Multiply Decimals Pg. 58-61 <u>Unit 2 – Lesson 6:</u> Divide Decimals Pg. 62-65	<u>Book 1 - Unit 2 – Strategy 9:</u> Add and Subtract Decimals Pg.30-33 <u>Book 1 - Unit 2 – Strategy 10:</u> Multiply Decimals Pg.34-36 <u>Book 1 - Unit 2 – Strategy 11:</u> Divide Decimals Pg.37-39	<u>Unit 3 – Lesson 22:</u> Add and Subtract Decimals Pg. 48-49 <u>Unit 3 – Lesson 23:</u> Multiply and Divide Decimals Pg. 50-51	<u>Book 1 – Unit 3- Practice 22:</u> Add and Subtract Decimals Pg. 48-49 <u>Book 1 – Unit 3- Practice 23:</u> Multiply and Divide Decimals Pg. 50-51	<u>Online Lessons:</u> <ul style="list-style-type: none"> Adding and Subtracting Decimals Multiplying and Dividing Decimals Decimals Test-Out Quiz Decimals Unit Quiz 	 Add and Subtract Decimals.pdf  Add and Subtract Decimals 2.pdf  Add Subtract Word Problems.pdf  Add Subtract Word Problems 2.pdf  Multiply Decimals.pdf  Multiply Decimals 2.pdf  Divide Decimals.pdf  Divide Decimals 2.pdf













THE NUMBER SYSTEM (5% of Test)












<p>MA.ABE.7.3.1 Compute fluently with multi-digit numbers and find common factors and multiples.</p>	<p>6.NS.4: (Low) Find the greatest common factor of two numbers less than or equal to 100. Find the least common multiple of two numbers less than or equal to 12. Use the distributive property to express a sum of two numbers 1–100 with a common factor as a multiple of the two numbers with no common factor.</p>	<p>Unit 1 – Lesson 4: Find the Greatest Common Factor and the Least common Multiple. Pg.30-33</p>	<p>Book 1 - Unit 1 – Strategy 4: Find the Greatest Common Factor and the Least common Multiple. Pg.14-16</p>	<p>Unit 5 – Lesson 33: Greatest Common Factor Pg. 74-75</p> <p>Unit 5 – Lesson 34: Least Common Multiple Pg. 76-77</p>	<p>Book 2 – Unit 5- Practice 33: Greatest Common Factor Pg. 22-23</p> <p>Book 2 – Unit 5- Practice 34: Least Common Multiple Pg. 24-25</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Greatest Common Factor and Least Common Multiple • Prime Factorization • Factors and Multiples Test-Out Quiz • Factors and Multiples Unit Quiz 	<p> GCF.pdf</p> <p> Factors & Multiples.pdf</p> <p> LCM.pdf</p> <p> Factors-Multiples 2.pdf</p>
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NUMBER and OPERATIONS – FRACTIONS (20% of Test)








<p>MA.ABE.5.3.1 Extend understanding of fraction equivalence and ordering.</p>	<p>4.NF.1: (Low) Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions.</p>	<p>Unit 3 – Lesson 1: Identify Equivalent Fractions Pg.70-73</p>	<p>Book 1 - Unit 3 – Strategy 12: Identify Equivalent Fractions Pg.42-43</p>	<p>Unit 2 – Lesson 10: Equivalent Fractions Pg. 22-23</p>	<p>Book 1 – Unit 2- Practice 10: Equivalent Fractions Pg. 22-23</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Fractions, Rates, and Ratios Test-Out Quiz • Equivalent Fractions • Understanding Fractions Test-Out Quiz • Understanding Fractions Unit Quiz 	<p> Equivalent Fraction Patterns.pdf</p> <p> Find Equivalent Fractions.pdf</p>
<p>MA.ABE.5.3.2 Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers.</p>	<p>4.NF.3: (Medium) Construct a fraction a/b with $a > 1$ as a sum of fractions $1/b$. Add and subtract fractions by joining and separating parts referring to the same whole. Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators by using visual fraction models and</p>	<p>Unit 3 – lesson 2: Add and Subtract Fractions Pg.74-77</p> <p>Unit 3 – Lesson 3: Add and Subtract Mixed Numbers with Like Denominators Pg.78-81</p>	<p>Book 1 - Unit 3 – Strategy 13: Add and Subtract Fractions and Mixed Numbers with Like Denominators Pg.44-47</p>	<p>Unit 2 – Lesson 9: Add and Subtract Parts of a Whole Pg. 20-21</p> <p>Unit 2 – Lesson 11: Add and Subtract Fractions Pg. 24-25</p>	<p>Book 1 – Unit 2- Practice 9: Add and Subtract Parts of a Whole Pg. 20-21</p> <p>Book 1 – Unit 2- Practice 11: Add and Subtract Fractions Pg. 24-25</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Adding and Subtracting Fractions 	<p> Adding Fractions.pdf</p> <p> Adding Fractions 2.pdf</p> <p> Subtracting Fractions.pdf</p> <p> Subtracting Fractions 2.pdf</p>










	equations to represent the problem.			Unit 2 – Lesson 12: Add and Subtract Mixed Numbers Pg. 26-27	Book 1 – Unit 2- Practice 12: Add and Subtract Mixed Numbers Pg. 26-27		 Add-Subtract Mixed Numbers.pdf  Add-Subtract Mixed Numbers 2.pdf  Add-Subtract Mixed Numbers 3.pdf
MA.ABE.5.3.4 Use equivalent fractions as strategy to add and subtract fractions.	5.NF.2: (Low) Solve word problems involving addition and subtraction of fractions, including unlike denominators using visual models or equations. Use benchmark fractions (most common) and number sense (understanding) of fractions to estimate mentally and assess the reasonableness of answers.	Unit 3 – Lesson 4: Add and Subtract Fractions with Unlike Denominators Pg.82-85	Book 1 - Unit 3 – Strategy 14: Add and Subtract Fractions with Unlike Denominators Pg.48-51	Unit 2 – Lesson 11: Add and Subtract Fractions Pg. 24-25 (REVIEW if NEEDED)	Book 1 – Unit 2- Practice 11: Add and Subtract Fractions Pg. 24-25 (REVIEW if NEEDED)	Online Lessons: <ul style="list-style-type: none"> • Adding and Subtracting Fractions • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	 Add Unlike Fractions.pdf  Subtract Unlike Fractions.pdf  Add-Subtract Unlike Fractions.pdf  Add-Subtract Unlike Fractions 2.p
MA.ABE.5.3.2 Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers.	4.NF.4: (Medium) 5.NF.4: (Medium) :Apply and extend previous understandings of multiplication to multiply a fraction by a whole number. Generalize a multiple of a/b as a multiple of $1/b$ and use this understanding to multiply a fraction by a whole number.	Unit 3 – Lesson 5: Multiply Fractions Pg.86-91	Book 1 - Unit 3 – Strategy 15: Multiply Fractions Pg.52-54	Unit 2 – Lesson 13: Multiples of Fractions Pg. 28-29 Unit 2 – Lesson 14: Multiply with Fractions Pg. 30-31	Book 1 – Unit 2- Practice 13: Multiples of Fractions Pg. 28-29 Book 1 – Unit 2- Practice 14: Multiply with Fractions Pg. 30-31	Online Lessons: <ul style="list-style-type: none"> • Multiplying and Dividing Fractions • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	 Multiply Fraction-Whole Nur  Multiply Fraction-Whole Nur  Multiply Fractions.pdf  Multiply Fractions 2.pdf






<p>MA.ABE.5.3.5 Apply and extend previous understanding of multiplication and division to multiply and divide fractions.</p>	<p>5.NF.6: (Low) Solve real world problems involving multiplication of fractions and mixed numbers by using visual fraction models or equations.</p>	<p>Unit 3 – Lesson 6: Multiply Mixed Numbers and Fractions Pg.92-95</p>	<p>Book 1 - Unit 3 – Strategy 16: Multiply Mixed Numbers and Fractions Pg.55-57</p>	<p>Unit 2 – Lesson 15: Multiply with Mixed Numbers Pg. 32-33</p>	<p>Book 1 – Unit 2- Practice 15: Multiply with Mixed Numbers Pg. 32-33</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Multiplying and Dividing Fractions • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	<p> Multiply Fractions-Mixed Nur</p> <p> Multiply Fractions-Mixed Nur</p> <p> Multiply Fractions-Mixed Nur</p>
<p>MA.ABE.5.3.5 Apply and extend previous understanding of multiplication and division to multiply and divide fractions.</p>	<p>5.NF.3: (Low) Interpret a fraction as division of the numerator by the denominator ($a/b = a \div b$). Solve problems using division of whole numbers resulting in answers in the form of fractions or mixed numbers</p>	<p>Unit 3 – Lesson 7: Interpret Fractions as Division Pg.96-99</p>	<p>Book 1 - Unit 3 – Strategy 17: Interpret Fractions as Division Pg.58-59</p>	<p>Unit 2 – Lesson 8: Connect Fractions to Division Pg. 18-19</p>	<p>Book 1 – Unit 2- Practice 8: Connect Fractions to Division Pg. 18-19</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	<p> Fractions as Division.pdf</p> <p> Fractions as Division 2.pdf</p>
<p>MA.ABE.5.3.5 Apply and extend previous understanding of multiplication and division to multiply and divide fractions.</p>	<p>5.NF.7: (Medium) Interpret division of a fraction by a whole number and compute. Interpret division of a whole number by a fraction and compute.</p>	<p>Unit 3 – Lesson 8: Divide Using Unit Fractions Pg.100-103</p>	<p>Book 1 - Unit 3 – Strategy 18: Divide Using Unit Fractions Pg.60-61</p>	<p>Unit 2 – Lesson 16: Divide Fractions by Whole Numbers Pg. 34-35</p> <p>Unit 2 – Lesson 17: Divide Whole Numbers by Fractions Pg. 36-37</p>	<p>Book 1 – Unit 2- Practice 16: Divide Fractions by Whole Numbers Pg. 34-35</p> <p>Book 1 – Unit 2- Practice 17: Divide Whole Numbers by Fractions Pg. 36-37</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Multiplying and Dividing Fractions • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	<p> Dividing Unit Fractions.pdf</p> <p> Dividing Unit Fractions 2.pdf</p> <p> Dividing Unit Fractions 3.pdf</p> <p> Divide Whole Numbers by Fractor</p>
<p>MA.ABE.5.3.5 Apply and extend previous understanding of multiplication and division to multiply and divide fractions.</p>	<p>6.NS.1: (Low) Interpret and compute quotients of fractions and solve word problems involving division of fractions by fractions.</p>	<p>Unit 3 – Lesson 9: Divide Fractions Pg.104-107</p>	<p>Book 1 - Unit 3 – Strategy 19: Divide Fractions Pg.62-64</p>	<p>Unit 2 – Lesson 18: Divide Fractions Pg. 38-39</p>	<p>Book 1 – Unit 2- Practice 18: Divide Fractions Pg. 38-39</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Multiplying and Dividing Fractions • Operations with Mixed Numbers • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	<p> Divide Fractions.pdf</p> <p> Divide Fractions 2.pdf</p> <p> Divide Fractions 3.pdf</p>

OPERATIONS and ALGEBRAIC THINKING (12% of Test)							
<p>MA. ABE 2.3.3 Generate and analyze patterns.</p>	<p>5.OA.1: (Low) Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.</p>	<p>Unit 6 – Lesson 1: Using the Order of Operations Pg.172-153</p>	<p>Book 3 - Unit 1 – Strategy 1: Using the Order of Operations Pg.4-6</p>	<p>Unit 5 – Lesson 36: Order of Operations Pg. 80-81</p>	<p>Book 2 – Unit 5- Practice 36: Order of Operations Pg. 28-29</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Simplifying Exponents • Order of Operations • Exponents and Roots Test-Out Quiz • Exponents and Roots Unit Quiz • Higher Roots and Fractional Exponents 	<p> Exponents.pdf</p> <p> Order of Operations.pdf</p> <p> Order of Operations 2.pdf</p> <p> Order of Operations 3.pdf</p>
<p>MA. ABE 2.3.1 Use the four operations with whole numbers to solve problems.</p>	<p>4.OA.1: (Medium) Interpret a multiplication equation as a comparison. Represent verbal statements of multiplicative comparisons as multiplication equations.</p> <p>4.OA.2: (Medium) Multiply or divide to solve word problems involving multiplicative comparison by distinguishing multiplicative comparison from additive comparison.</p>	<p>Unit 6 – Lesson 2: Solve Multiplication and Division Problems Pg.176-179</p>	<p>Book 3 - Unit 1 – Strategy 2: Solve Multiplication and Division Problems Pg.7-10</p>	<p>Unit 1 – Lesson 6: Multiplication Comparison Pg. 12-13</p> <p>Unit 4 – Lesson 31: Solve Multiplication Comparison Problems Pg. 68-69</p>	<p>Book 1 – Unit 1- Practice 6: Multiplication Comparison Pg. 12-13</p> <p>Book 2 – Unit 4- Practice 31: Solve Multiplication Comparison Problems Pg. 16-17</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Comparison Equations • Factors and Multiples Test-Out Quiz • Factors and Multiples Unit Quiz 	<p> Multiply-Divide Word Problems.pdf</p> <p> Multiply-Divide Word Problems 2.pc</p> <p> Multiplication Comparison.pdf</p> <p> Multiplication Comparison 2.pdf</p>
<p>MA. ABE 2.3.1 Use the four operations with whole numbers to solve problems.</p>	<p>4.OA.3: (Low) Solve multi-step word problems using the four operations, including problems in which remainders must be interpreted. Use equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.</p>	<p>Unit 6 – Lesson 3: Solve Multi-Step Word Problems with four Operations Pg.180-183</p>	<p>Book 3 - Unit 1 – Strategy 3: Solve Multi-Step Word Problems with four Operations Pg.11-14</p>	<p>Unit 5 – Lesson 37: Solve Multistep Word Problems Pg. 82-83</p>	<p>Book 2 – Unit 5- Practice 37: Solve Multistep Word Problems Pg. 30-31</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Solving Problems with Whole Numbers • Whole Numbers and Operations Test-Out Quiz • Whole Numbers and Operations Unit Quiz 	<p> Multi-Step.pdf</p> <p> Multi-Step 2.pdf</p> <p> Multi-Step 3.pdf</p>




<p>MA. ABE 2.3.2 Determine factors and multiples.</p>	<p>4.OA.4: (Low) Find all factor pairs for a whole number in the range 1–100. Recognize that a whole number is a multiple of each of its factors. Determine whether a whole number in the range 1–100 is a multiple of a one-digit number. Determine whether a whole number in the range 1–100 is prime or composite.</p>	<p>Unit 6 – Lesson 4: Identify Factor Pairs, Multiples, and Prime or Composite numbers Pg.184-187</p>	<p>Book 3 - Unit 1 – Strategy 4: Identify Factor Pairs, Multiples, and Prime or Composite numbers Pg.15-18</p>	<p>Unit 5 – Lesson 32: Factors and Multiples Pg. 72-73</p>	<p>Book 2 – Unit 5- Practice 32: Factors and Multiples Pg.20-21</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Greatest Common Factor and Least Common Multiple • Prime Factorization • Factors and Multiples Test-Out Quiz • Factors and Multiples Unit Quiz 	<p> Factors.pdf</p> <p> Multiples.pdf</p> <p> Factors-Multiples.pdf</p> <p> Factors-Multiples 2.pdf</p> <p> Prime-Composite.pdf</p>
<p>MA. ABE 2.3.3 Generate and analyze patterns.</p>	<p>4.OA.5: (Low) Generate a number or shape pattern that follows a given rule. Identify apparent features of the pattern that were not explicit in the rule itself.</p>	<p>Unit 6 – Lesson 5: Identify Patterns and Pattern Rules Pg.188-191</p>	<p>Book 3 - Unit 1 – Strategy 5: Identify Patterns and Pattern Rules Pg.19-21</p>	<p>Unit 5 – Lesson 35: Number Patterns Pg. 78-79</p>	<p>Book 2 – Unit 5- Practice 35: Number Patterns Pg.26-27</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Skip Counting • Understanding Whole Numbers Test-Out Quiz • Understanding Whole Numbers Unit Quiz • Number and Shape Patterns 	<p> Patterns.pdf</p> <p> Patterns 2.pdf</p> <p> Patterns 3.pdf</p> <p> Patterns 4.pdf</p>
GEOMETRY (10% of Test)							
<p>MA.ABE.4.3.1 Draw and identify lines and angles and classify shapes by properties of their lines and angles.</p>	<p>4.G.1: (Medium) Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines. Identify these in two-dimensional figures.</p>	<p>Unit 5 – Lesson 1: Identify Lines and Angles Pg. 150-153</p>	<p>Book 2 - Unit 2 – Strategy 8: Identify Geometric Shapes. Pg.28-31</p>	<p>Unit 8 – Lesson 48: Lines, Rays, and Angles Pg.110-111</p>	<p>Book 2 – Unit 8- Practice 48: Lines, Rays, and Angles Pg.58-59</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Segments, Rays, Lines, and Angles • Lines and Angles Test-Out Quiz • Lines and Angles Unit Quiz 	<p> Lines.pdf</p> <p> Angles.pdf</p> <p> Angles 2.pdf</p>

<p>MA.ABE.4.3.3 Classify two-dimensional figures into categories based on their properties.</p>	<p>5.G.3: (Low) Observe that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category.</p>	<p>Unit 5 – Lesson 2: Use Attributes of Figures Pg.154-157</p>	<p>Book 2 - Unit 2 – Strategy 9: Use Attributes of Figures Pg.32-35</p>	<p>Unit 8 – Lesson 50: Polygons Pg.114-115</p>	<p>Book 2 – Unit 8- Practice 50: Polygons Pg.62-63</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Geometric Shapes • Shapes, Perimeter, and Area Test-Out Quiz • Shapes, Perimeter, and Area Unit Quiz 	<p> Quadrilaterals.pdf</p> <p> Identify Shapes.pdf</p>
<p>MA.ABE.4.3.4 Solve mathematical and real-world problems involving area, surface area, and volume.</p>	<p>6.G.4: (Low) Represent three-dimensional figures using nets made up of rectangles and triangles and use the nets to find the surface area of these figures.</p>	<p>Unit 5 – Lesson 3: Use Nets to Find Surface Area Pg. 158-161</p>	<p>Book 2 - Unit 2 – Strategy 10: Use Nets to Find Surface Area Pg.36-39</p>	<p>Unit 8 – Lesson 51: Three-Dimensional Figures and Nets Pg.116-117</p>	<p>Book 2 – Unit 8- Practice 51: Polygons Pg.64-65</p>	<p>Online Lessons: No lessons are associated with this target.</p>	<p> Nets.pdf</p> <p> Nets 2.pdf</p>
<p>MA.ABE.4.3.2 Graph points on the coordinate plane to solve mathematical and real-world problems.</p>	<p>5.G.1: (Low) Use a pair of perpendicular number lines, (axis/axes), with the intersection of the lines (the origin) arranged at 0 on each line and a given point in the plane located by using an ordered pair of numbers, called its coordinates. Demonstrate the first number indicates how far to move from the origin in the direction of one axis. Demonstrate the second number indicates how far to move in the direction of the second axis.</p>	<p>Unit 5 – Lesson 4: Plot and Name Coordinates Pg.162-167</p>	<p>Book 2 - Unit 2 – Strategy 11: Plot and Name Coordinates Pg.40-43</p>	<p>Unit 8 – Lesson 49: Ordered Pairs Pg.112-113</p>	<p>Book 2 – Unit 8- Practice 49: Ordered Pairs Pg.60-61</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Lines and the Coordinate Plane • The Equation of a Line Test-Out Quiz • The Equation of a Line Unit Quiz 	<p> Coordinate Plane.pdf</p>
MEASUREMENT and DATA (15% of Test)							
<p>MA.ABE.3.3.2 Convert like measurement units within a given measurement system.</p>	<p>5.MD.1: (Medium) Convert among different-sized standard measurement units (km., m., cm., kg., g., lb., oz., l., ml., hr., min., sec.), within a measurement system, such as convert 5 cm to 0.05 m, and use these conversions</p>	<p>Unit 4 – Lesson 1: Convert Measurements Pg.112-115</p>	<p>Book 2 - Unit 1 – Strategy 1: Convert Measurements Pg.4-7</p>	<p>Unit 6 – Lesson 38: Customary Measurement Units Pg.86-87</p> <p>Unit 6 – Lesson 39: Metric Measurement Units Pg.88-89</p>	<p>Book 2 – Unit 6- Practice 38: Customary Measurement Units Pg.34-35</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • American Units of Measurement • Metric Units of Measurement • Measurement Test-Out Quiz • Measurement Unit Quiz 	<p> Length Conversion.pdf</p> <p> Liquid Conversions.pdf</p>



	in solving multi-step, real world problems.				Book 2 – Unit 6- Practice 39: Metric Measurement Units Pg.36-37	<ul style="list-style-type: none"> Working With Units Three-Dimensional Geometry Unit Quiz 	 Mass Conversions.pdf  Units of Length.pdf  Units of Weight-Mass.pdf  Units of Capacity.pdf
MA.ABE.3.3.3 Represent and interpret data.	5.MD.2: (Low) Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Solve problems involving information presented in line plots.	Unit 4 – Lesson 2: Use Line Plots to Solve Problems Pg. 116-121	Book 2 - Unit 1 – Strategy 2: Use Line Plots to Solve Problems Pg.8-10	Unit 6 – Lesson 40: Line Plots Pg.90-91	Book 2 – Unit 6- Practice 40: Line Plots Pg.38-39	Online Lessons: <ul style="list-style-type: none"> Tables, Circle Graphs, and Line Plots Graphs and Charts Test-Out Quiz Graphs and Charts Unit Quiz Histograms and Box Plots Data Displays and Distributions Test-Out Quiz Data Displays and Distributions Unit Quiz 	 Line Plot.pdf  Line Plots 2.pdf
MA.ABE.3.3.5 Apply concepts of volume measurement and relate volume to multiplication and to addition of whole numbers.	5.MD.4: (Low) Measure volumes by counting unit cubes, using cubic cm., cubic in., cubic ft., and improvised units	Unit 4 – Lesson 3: Find Volume of a Rectangular Prism Pg.122-127	Book 2 - Unit 1 – Strategy 3: Find Volume of a Rectangular Prism Pg.11-13	Unit 6 – Lesson 41: Volume Formula Pg.92-93	Book 2 – Unit 6- Practice 41: Volume Formula Pg.40-41	Online Lessons: <ul style="list-style-type: none"> Working With Units Three-Dimensional Geometry Unit Quiz 	 Volume Rectangular Prisms.1  Volume Rectangular Prisms 2
MA.ABE.3.3.5 Apply concepts of volume measurement and relate volume to multiplication and to addition of whole numbers.	5.MD.5: (Medium) Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume.	Unit 4 – Lesson 4: Find Volume of Composite Shapes Pg.128-133	Book 2 - Unit 1 – Strategy 4: Find Volume of Composite Shapes Pg.14-16	Unit 6 – Lesson 42: Volume of Composed Figures Pg.94-95	Book 2 – Unit 6- Practice 42: Volume of Composed Figures Pg.42-43	Online Lessons: <ul style="list-style-type: none"> Volumes of Prisms and Cylinders Three-Dimensional Geometry Test-Out Quiz 	 Composite Shapes.pdf







<p>MA.ABE.3.3.4 Demonstrate concepts of angles and measure angles.</p>	<p>4.MD.5: (Low) Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint. Understand concepts of angle measurement: 4.MD.6: (Medium) Measure and sketch angles in whole-number degrees using a protractor.</p>	<p>Unit 4 – Lesson 5: Measure Angles Pg.134-137</p>	<p>Book 2 - Unit 1 – Strategy 5: Measure Angles Pg.17-19</p>	<p>Unit 6 – Lesson 43: Angles and Degrees Pg.96-97</p>	<p>Book 2 – Unit 6- Practice 43: Angles and Degrees Pg.44-45</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Measuring Angles • Lines and Angles Test-Out Quiz • Lines and Angles Unit Quiz 	<p> Measure Angles.pdf  Angles-Degrees.pdf  Measure Angles 2.pdf</p>
<p>MA.ABE.3.3.4 Demonstrate concepts of angles and measure angles.</p>	<p>4.MD.7: (Medium) Recognize angle measure as additive. When an angle is decomposed (broken) into non-overlapping parts, the angle measure is the sum of the parts. Solve addition and subtraction problems to find unknown angles on a diagram.</p>	<p>Unit 4 – Lesson 6: Identify Unknown Angles Pg.138-141</p>	<p>Book 2 - Unit 1 – Strategy 6: Identify Unknown Angles Pg.20-22</p>	<p>Unit 6 – Lesson 44: Measure Angles Pg.98-99</p>	<p>Book 2 – Unit 6- Practice 44: Measure Angles Pg.46-47</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Finding Unknown Angle Measures • Lines and Angles Test-Out Quiz • Lines and Angles Unit Quiz 	<p> Missing Angle.pdf  Missing Angle 2.pdf</p>





RATIOS and PROPORTIONAL RELATIONSHIPS (3% of Test)





<p>MA.ABE.8.3.1 Develop an understanding of ratio concepts and use ratio reasoning to solve problems.</p>	<p>6.RP.2: (Medium) Explain the concept of a unit rate a/b associated with a ratio $a:b$ with $b \neq 0$ using rate language in the context of a ratio relationship</p>	<p>Unit 4 – Lesson 7: Find Unit Rates Pg.142-145</p>	<p>Book 2 - Unit 1 – Strategy 7: Find Unit Rates Pg.23-25</p>	<p>Unit 2 – Lesson 19: Unit Rate Pg.40-41</p>	<p>Book 1 – Unit 2- Practice 19: Unit Rate Pg.40-41</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Ratios and Rates • Fractions, Rates, and Ratios Test-Out Quiz • Fractions, Rates, and Ratios Unit Quiz 	<p> Using Unit Rate.pdf  Unit Rate.pdf  Unit Rate 2.pdf</p>
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EXPRESSIONS and EQUATIONS (15% of Test)

<p>MA.ABE.6.3.1 Utilize and extend previous understandings of arithmetic to algebraic expressions.</p>	<p>6.EE.2: (Low) Write, read, and evaluate expressions in which letters stand for numbers.</p>	<p>Unit 7 – Lesson 1: Write and Evaluate Algebraic Expressions Pg.196-201</p>	<p>Book 3 - Unit 2 – Strategy 6: Write and Evaluate Algebraic Expressions Pg.24-27</p>	<p>Unit 4 – Lesson 24: Write Algebraic Expressions Pg.54-55</p> <p>Unit 4 – Lesson 25: Evaluate Algebraic Expressions and Formulas Pg.56-57</p>	<p>Book 2 – Unit 4- Practice 24: Write Algebraic Expressions Pg.2-3</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Simplifying Algebraic Expressions • Solving Linear Equations and Inequalities Test-Out Quiz • Solving Linear Equations and Inequalities Unit Quiz 	<p> Write Expressions.pdf  Write Expressions 2.pdf</p>
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					Book 2 – Unit 4- Practice 25: Evaluate Algebraic Expressions and Formulas Pg.4-5		
MA.ABE.6.3.2 Reason and solve one-variable equations and inequalities.	6.EE.6: (Low) Use variables to represent numbers and write expressions when solving real world mathematics problems. Conclude that a variable can represent an unknown number.	Unit 7 – Lesson 2: Use Variable Expressions to Solve Problems Pg.202-205	Book 3 - Unit 2 – Strategy 7: Use Variable Expressions to Solve Problems Pg.28-30	Unit 4 – Lesson 27: Use Algebraic Expressions to Solve Word Problems Pg.60-61	Book 2 – Unit 4- Practice 27: Use Algebraic Expressions to Solve Word Problems Pg.8-9	Online Lessons: <ul style="list-style-type: none"> Simplifying Algebraic Expressions Solving Linear Equations and Inequalities Test-Out Quiz Solving Linear Equations and Inequalities Unit Quiz 	 Variables-Expressions 2.pdf
MA.ABE.6.3.1 Utilize and extend previous understandings of arithmetic to algebraic expressions.	6.EE.3: (Low) Apply the properties of operations to generate equivalent expressions. 6.EE.4: (Low) Identify when two expressions are equivalent, regardless of which value is substituted into them.	Unit 7 – Lesson 3: Identify Equivalent Expressions Pg.206-209	Book 3 - Unit 2 – Strategy 8: Identify Equivalent Expressions Pg.31-33	Unit 4 – Lesson 26: Identify and Generate Equivalent Expressions Pg.58-59	Book 2 – Unit 4- Practice 26: Identify and Generate Equivalent Expressions Pg.6-7	Online Lessons: <ul style="list-style-type: none"> Simplifying Algebraic Expressions Solving Linear Equations II Solving Linear Equations and Inequalities Test-Out Quiz Solving Linear Equations and Inequalities Unit Quiz 	 Equivalent Expressions.pdf  Equivalent Expressions 2.pdf
MA.ABE.6.3.2 Reason and solve one-variable equations and inequalities.	6.EE.5: (Low) Solve an equation or inequality as a process of answering a question: Which values, if any, make the equation or inequality true? Use substitution to determine an equation or inequality true.	Unit 7 – Lesson 4: Identify Solutions of Equations and Inequalities Pg.210-213	Book 3 - Unit 2 – Strategy 9: Identify Solutions of Equations and Inequalities Pg.34-36	Unit 4 – Lesson 30: Solve Equations and Inequalities Pg.66-67	Book 2 – Unit 4- Practice 30: Solve Equations and Inequalities Pg.14-15	Online Lessons: <ul style="list-style-type: none"> Solving Linear Equations I Expressions, Equations, and Inequalities Test-Out Quiz Expressions, Equations, and Inequalities Unit Quiz Rearranging Formulas Three-Dimensional Geometry Test-Out Quiz 	 Inequalities.pdf  Solutions-Equations.pdf  Solutions-Inequalities.pdf

						<ul style="list-style-type: none"> • Three-Dimensional Geometry Unit Quiz • Solving Linear Equations II • Solving and Graphing Inequalities • Solving Linear Equations and Inequalities Test-Out Quiz • Solving Linear Equations and Inequalities Unit Quiz 	
<p>MA.ABE.6.3.2 Reason and solve one-variable equations and inequalities.</p>	<p>6.EE.7: (Low) Solve mathematical and real-world problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.</p>	<p>Unit 7 – Lesson 5: Write and Solve One-Step Equations Pg.214-217</p>	<p>Book 3 - Unit 2 – Strategy 10: Write and Solve One-Step Equations Pg.37-40</p>	<p>Unit 4 – Lesson 28: Write and Solve Equations Pg.62-63</p>	<p>Book 2 – Unit 4- Practice 28: Write and Solve Equations Pg.10-11</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Solving Linear Equations I • Expressions, Equations, and Inequalities Test-Out Quiz • Expressions, Equations, and Inequalities Unit Quiz • Rearranging Formulas • Three-Dimensional Geometry Test-Out Quiz • Three-Dimensional Geometry Unit Quiz • Solving Linear Equations II • Solving Linear Equations and Inequalities Test-Out Quiz • Solving Linear Equations and Inequalities Unit Quiz 	 Solve Equations.pdf  Solve Equations 2.pdf
<p>MA.ABE.6.3.2 Reason and solve one-variable equations and inequalities.</p>	<p>6.EE.8: (Low) Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition. Recognize that inequalities of the form $x > c$ or $x < c$ have infinitely many</p>	<p>Unit 7 – Lesson 6: Write Inequalities Pg.218-221</p>	<p>Book 3 - Unit 2 – Strategy 11: Write Inequalities Pg.41-43</p>	<p>Unit 4 – Lesson 29: Inequalities Pg.64-65</p>	<p>Book 2 – Unit 4- Practice 29: Inequalities Pg.12-13</p>	<p>Online Lessons:</p> <ul style="list-style-type: none"> • Introduction to Inequalities • Expressions, Equations, and Inequalities Test-Out Quiz 	 Solve-Graph Inequalities.pdf  Solve-Graph Inequalities 2.pdf

	solutions; represent solutions on number line diagrams.					<ul style="list-style-type: none"> • Expressions, Equations, and Inequalities Unit Quiz • Solving and Graphing Inequalities • Solving Linear Equations and Inequalities Test-Out Quiz • Solving Linear Equations and Inequalities Unit Quiz 	
MA.ABE.6.3.3 Represent and analyze quantitative relationships between dependent and independent variables.	6.EE.9: (Low) Use variables to represent two quantities in a real-world problem that change in relationship to one another. Write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	Unit 7 – Lesson 7: Write Two-Variable Equations Pg.222-225 Unit 7 – Lesson 8: Graph Two-Variable Equations Pg.226-229	Book 3 - Unit 2 – Strategy 12: Write Two-Variable Equations Pg.44-46 Book 3 - Unit 2 – Strategy 13: Graph Two-Variable Equations Pg.47-50	Unit 4 – Lesson 28: Write and Solve Equations Pg.62-63	Book 2 – Unit 4- Practice 28: Write and Solve Equations Pg.10-11	Online Lessons: <ul style="list-style-type: none"> • Completed in previous lessons 	 Variables-Expressions.pdf
STATISTICS and PROBABILITY (5% of Test)							
MA.ABE.9.3.1 Develop understanding of statistical variability.	6.SP.1: (Medium) Discuss a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.	Unit 8 – Lesson 1: Describe Data in Dot Plots Pg.234-237	Book 3 - Unit 3 – Strategy 14: Describe Data in Dot Plots Pg.53-56	Unit 7 – Lesson 45: Recognize Statistical Questions Pg.102-103	Book 2 – Unit 7- Practice 45: Recognize Statistical Questions Pg.50-51	Online Lessons: <ul style="list-style-type: none"> • Analyzing the Relationship Between Variables 	 Statistical Questions.pdf  Dot Plots.pdf  Mean.pdf

							 Median.pdf  Mode.pdf  Range.pdf
MA.ABE.9.3.1 Develop understanding of statistical variability.	6.SP.2: (Low) Discuss a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.	Unit 8 – Lesson 2: Describe Data in Histograms Pg.238-241	Book 3 - Unit 3 – Strategy 15: Describe Data in Histograms Pg.57-59	Unit 7 – Lesson 46: Data Distribution Pg.104-105	Book 2 – Unit 7- Practice 46: Recognize Statistical Questions Pg.50-51	Online Lessons: <ul style="list-style-type: none"> Measures of Center Basic Statistics Test-Out Quiz Basic Statistics Unit Quiz 	 Histograms.pdf  Histograms 2.pdf
MA.ABE.9.3.2 Summarize and describe distributions.	6.SP.4: (Low) Display numerical data in plots on a number line, including: Dot Plots, Histograms, and Box Plots.	Unit 8 – Lesson 3: Describe Data in Box Plots Pg.242-245	Book 3 - Unit 3 – Strategy 16: Describe Data in Box Plots Pg.60-63	Unit 7 – Lesson 47: Dot Plots, Histograms, and Box Plots Pg.106-107	Book 2 – Unit 7- Practice 47: Dot Plots, Histograms, and Box Plots Pg.54-55	Online Lessons: <ul style="list-style-type: none"> Tables, Circle Graphs, and Line Plots Graphs and Charts Test-Out Quiz Graphs and Charts Unit Quiz Histograms and Box Plots Data Displays and Distributions Test-Out Quiz Data Displays and Distributions Unit Quiz 	 Box Plot.pdf  Box Plot 2.pdf