<table>
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<tr>
<th>Week</th>
<th>Sections from Textbook</th>
<th>Topics from Course Outline</th>
<th>Suggested HW Problems</th>
<th>Suggested Testing Schedule</th>
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<tr>
<td>1</td>
<td>1.1 through 1.7</td>
<td>Reading and writing whole numbers, Order, place value, and rounding, Perform basic mathematical operations with whole numbers</td>
<td>1.1 - all, 1.2 - #1 - 55 odd, 1.3 - #1 - 35 odd, 41 - 67 odd, 1.4 - #1 - 57 odd, 1.5 - #1 - 35 odd, 1.6 - #7 - 29 odd, 37 - 47 odd, 57 - 69 odd, 1.7 - #1 - 29 odd, 49 - 59 odd</td>
<td>Test #1 (Chapters 1 &amp; 2)</td>
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<td>2</td>
<td>1.8, 1.9, 2.1, 2.2, 2.3</td>
<td>Evaluate exponents with whole numbers, Order of operations with whole numbers, Problem solving with whole numbers, Identify proper fractions, improper fractions, and mixed numbers, Reduce fractions to simplest form, Factors and prime factorization</td>
<td>1.8 - #1 - 21 odd, 1.9 - #1 - 93 every other odd and 99, 101, 2.1 - #1 - 39 odd, 49 - 85 odd, 2.2 - #1 - 45 odd, 2.3 - #1 - 31 odd, 53 - 61 odd</td>
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<tr>
<td>3</td>
<td>2.4, 2.5, 3.1, 3.2</td>
<td>Multiply and divide fractions, Add and subtract like fractions, Least common multiple</td>
<td>2.4 - #1 - 23 odd, 53 - 67 odd, 2.5 - #1 - 33 odd, 37 - 47 odd, 3.1 - #1 - 49 odd, 3.2 - #1 - 17 odd, 33 - 51 odd</td>
<td>Test #1 (Chapters 1 &amp; 2)</td>
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<td>4</td>
<td>3.3, 3.4, 3.5, 3.6</td>
<td>Add and subtract unlike fractions, Add and subtract mixed numbers, Order of fractions and mixed numbers, Evaluate exponents with fractions, Order of operations with fractions</td>
<td>3.3 - #1 - 15 odd, 29 - 43 odd, 3.4 - #7 - 17 odd, 27 - 45 odd, 3.5 - #1 - 27 odd, 49 - 69 odd, 3.6 - #1 - 21 odd</td>
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<tr>
<td>5</td>
<td>4.1, 4.2, 4.3, 4.4</td>
<td>Reading and writing decimals, Place value, order, and rounding of decimals, Perform basic mathematical operations with decimals</td>
<td>4.1 - #1 - 11 odd, 23 - 31 odd, 39 - 47 odd, 55 - 65 odd, 4.2 - #1 - 49 odd, 4.3 - #1 - 53 odd, 4.4 - #1 - 51 odd</td>
<td>Test #2 (Chapters 3 &amp; 4)</td>
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<tr>
<td>6</td>
<td>4.5, 4.6, 5.1, 5.2</td>
<td>Order of operations with decimals, Evaluate exponents with decimals, Set up and evaluate ratios and rates</td>
<td>4.5 - #1 - 27 odd, 37 - 49 odd, 4.6 - #1 - 31 odd, 39 - 45 odd, 67, 71, 5.1 - #1 - 41 odd, 5.2 - #1 - 21 odd, 39 - 45 odd</td>
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<tr>
<td>7</td>
<td>5.3, 5.4, 6.1, 6.2, 6.3</td>
<td>Set up and solve proportions, Use proportions to solve problems, Understand relationship between percents, fractions, and decimals, Solve percent problems using equations</td>
<td>5.3 - #1 - 23 odd, 37 - 53 odd, 5.4 - #1 - 23 odd, 6.1 - #1 - 49 odd, 6.2 - #1 - 43 odd, 6.3 - #1 - 33 odd</td>
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| 8  | 6.4, 6.5, 6.6 | Solve percent problems using proportions  
Applications of percents | 6.4 - #1 - 33 odd  
6.5 - #1 - 25 odd, 35 - 41 odd  
6.6 - #1 - 23 odd | Test #3 (Chapters 5 & 6) |
| 9  | 7.1, 7.2, 7.3, 7.4, 7.5 | Understand the basic units of the U.S and Metric systems  
Convert measurements | 7.1 - #1 - 105 every other odd  
7.2 - #1 - 97 every other odd  
7.3 - #1 - 85 every other odd  
7.4 - #1 - 47 odd  
7.5 - #1 - 29 odd |  |
| 10 | 8.1, 8.2, 8.3, 8.4 | Identify angles and their measurements  
Identify basic geometry shapes  
Calculate perimeter and area of basic shapes | 8.1 - #1 - 43 odd  
8.2 - #1 - 55 odd  
8.3 - #1 - 51 odd  
8.4 - #1 - 47 odd |  |
| 11 | 8.5, 8.6, 9.1, 9.2, 9.3 | Calculate volume of basic shapes  
Calculate square roots  
Apply Pythagorean Theorem  
Read and evaluate data from charts and graphs.  
Calculate mean, median, and mode of data sets | 8.5 - #1 - 23 odd  
8.6 - #1 - 35 odd  
9.1 - #1 - 69 odd  
9.2 - #1 - 23 odd  
9.3 - #1 - 11 odd, 15 - 29 odd |  |
| 12 | 10.1, 10.2, 10.3, 10.4 | Perform basic mathematical operations with signed numbers  
Identify the absolute value and opposite of signed numbers  
Order of operations with signed numbers  
Evaluate exponents with signed numbers | 10.1 - #1 - 73 odd  
10.2 - #9 - 59 odd  
10.3 - #1 - 55 odd  
10.4 - #1 - 65 odd | Test #4 (Chapters 7, 8 & 9) |
| 13 | 10.5, 11.1, 11.2, 11.3 | Evaluate algebraic expressions  
Simplify algebraic expressions  
Apply the distributive property  
Solve equations in one variable | 10.5 - #1 - 63 odd  
11.1 - #1 - 17 odd, 25 - 33 odd, 45 - 57 odd, 63 - 69 odd  
11.2 - #1 - 27 odd  
11.3 - #1 - 29 odd |  |
| 14 | 11.4, 11.5 | Solve equations in one variable requiring at least two steps  
Using algebra in problem solving | 11.4 - #1 - 27 odd  
11.5 - #1 - 23 odd | Test #5 (Chapters 10 & 11) |
| 15 | Final Exam Review  
Final Exam | A certain level of proficiency is expected from students upon completion of the course. In order to help ensure this proficiency, the final examination must evaluate each student’s knowledge of all the following topics:  
Addition, subtraction, multiplication and division of whole numbers, decimals, fractions, and signed numbers WITHOUT USE OF A CALCULATOR.  
Percent  
Ratio and Proportion  
Measurement for both the English and Metric System  
Geometry (Perimeter, area, and volume)  
Exponents  
Equations solved using two steps  
Interpreting charts and graphs | | Cumulative Final Exam |

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