It is strongly suggested that you finish the MyLabs Plus homework by the “recommended” due date. All homework assignments must be completed by 9am on each exam day (see the schedule below).

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Topics</th>
<th>MLP Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Monday, 1/09</td>
<td>1.1 Some Basics of Algebra&lt;br&gt;1.2 Operations and Properties of Real Numbers&lt;br&gt;1.6 Properties of Exponents</td>
<td>1/30</td>
</tr>
<tr>
<td>2</td>
<td>Wednesday, 1/11</td>
<td>1.3 Solving Equations&lt;br&gt;1.4 Introduction to Problem Solving&lt;br&gt;1.5 Formulas, Models, and Geometry</td>
<td>1/30</td>
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<tr>
<td></td>
<td>Monday 1/16</td>
<td>MLK Jr., Holiday – No Class</td>
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<tr>
<td>3</td>
<td>Wednesday, 1/18</td>
<td>2.1 Graphs&lt;br&gt;2.2 Functions&lt;br&gt;2.3 Linear Functions: Slope, Graphs, and Models</td>
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<tr>
<td>4</td>
<td>Monday, 1/23</td>
<td>2.4 Another Look at Linear Graphs&lt;br&gt;2.5 Equations of Lines and Modeling</td>
<td>1/30</td>
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<tr>
<td>5</td>
<td>Wednesday, 1/25</td>
<td>2.6 The Algebra of Functions&lt;br&gt;Review for Exam</td>
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<tr>
<td>6</td>
<td>Monday, 1/30</td>
<td>Exam #1</td>
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<tr>
<td>7</td>
<td>Wednesday, 2/01</td>
<td>5.1 Introduction to Polynomials and Polynomial Functions&lt;br&gt;5.2 Multiplication of Polynomials</td>
<td>2/27</td>
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<tr>
<td>8</td>
<td>Monday, 2/06</td>
<td>5.3 Common Factors and Factoring by Grouping&lt;br&gt;5.4 Factoring Trinomials&lt;br&gt;5.5 Factoring Perfect-Squares and Differences of Squares</td>
<td>2/27</td>
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<td>9</td>
<td>Wednesday, 2/08</td>
<td>7.1 Radical Expressions and Functions&lt;br&gt;7.2 Rational Numbers as Exponents</td>
<td>2/27</td>
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<tr>
<td>10</td>
<td>Monday, 2/13</td>
<td>7.3 Multiplying Radical Expressions&lt;br&gt;7.4 Dividing Radical Expressions&lt;br&gt;Complex/Imaginary Numbers</td>
<td>2/27</td>
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<tr>
<td>11</td>
<td>Wednesday, 2/15</td>
<td>5.8 Applications of Polynomial Equations&lt;br&gt;8.1 Quadratic Equations</td>
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<td>12</td>
<td>Monday, 2/20</td>
<td>8.2 The Quadratic Formula/8.4 Applications of Quadratic Equations&lt;br&gt;Applications using Quadratic Equations (from 5.8, 8.1, 8.2, 8.4)</td>
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<tr>
<td>13</td>
<td>Wednesday, 2/22</td>
<td>Review for Exam</td>
<td>2/27</td>
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<td>Day</td>
<td>Date</td>
<td>Topics</td>
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<td>14</td>
<td>Monday, 2/27</td>
<td>Exam #2</td>
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<td>15</td>
<td>Wednesday, 3/01</td>
<td>8.6 Quadratic Functions and Their Graphs</td>
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<td>8.7 More About Graphing Quadratic Functions</td>
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<td>8.8 Problem Solving and Quadratic Functions</td>
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<td>16</td>
<td>Monday, 3/06</td>
<td>9.1 Composite Functions and Inverse Functions</td>
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<td>9.2 Exponential Functions</td>
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<td>17</td>
<td>Wednesday, 3/08</td>
<td>9.3 Logarithmic Functions</td>
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<td>9.4 Properties of Logarithmic Functions</td>
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<td>18</td>
<td>Monday, 3/20</td>
<td>9.5 Common Logarithms and Natural Logarithms</td>
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<td>9.6 Solving Exponential and Logarithmic Equations</td>
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<td>19</td>
<td>Wednesday, 3/22</td>
<td>9.7 Applications of Exponential and Logarithmic Functions</td>
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<td>Review for Exam</td>
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<td>20</td>
<td>Monday, 3/27</td>
<td>Exam #3</td>
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<td>21</td>
<td>Wednesday, 3/29</td>
<td>3.1 Systems of Equations in Two Variables</td>
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<td>3.2 Solving by Substitution or Elimination</td>
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<td>3.3 Solving Applications: Systems of Two Equations</td>
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<td>3.8 Business and Economics Applications</td>
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<td>22</td>
<td>Monday, 4/03</td>
<td>3.4 Systems of Equations in Three Variables</td>
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<td>3.5 Solving Applications: Systems of Three Equations</td>
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<td>23</td>
<td>Wednesday, 4/05</td>
<td>4.1 Inequalities and Applications</td>
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<td>4.2 Intersections, Unions, and Compound Inequalities</td>
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<td>4.4 Inequalities in Two Variables</td>
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<tr>
<td>24</td>
<td>Monday, 4/10</td>
<td>4.5 Applications Using Linear Programming</td>
<td>4/12</td>
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<td>Review for Exam</td>
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<td>25</td>
<td>Wednesday, 4/12</td>
<td>Exam #4</td>
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<td>26</td>
<td>Monday, 4/17</td>
<td><em>(from Miller, Mathematical Ideas, 13e)</em></td>
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<td>3.1 Statements and Quantifiers</td>
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<td>3.2 Truth Tables and Equivalent Statements</td>
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<td>27</td>
<td>Wednesday, 4/19</td>
<td><em>(from Miller, Mathematical Ideas, 13e)</em></td>
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<td>3.3 The Conditional and Circuits</td>
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<td>3.4 The Conditional and Related Statements</td>
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<td>28</td>
<td>Monday, 4/24</td>
<td><em>(from Miller, Mathematical Ideas, 13e)</em></td>
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<td>3.6 Analyzing Arguments with Truth Tables</td>
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<td>29</td>
<td>Wednesday, 4/26</td>
<td>Review for Final</td>
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<td>30</td>
<td>Monday, 5/01</td>
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<tr>
<td>Thursday, 5/04</td>
<td><strong>Final Exam 1-3pm in Lecture Hall (Rooms TBA)</strong></td>
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