

Math 60 – Semester Homework Assignment
Elementary and Intermediate Algebra 1/e by Michael Sullivan III , Katherine Struve and Janet Mazzarella

- There are Integrated Review Problems located within each Chapter
- There are Chapter Review Problems at the end of each Chapter
- There are Chapter Test Problems at the end of each Chapter
- There are Group Activities at the end of each Chapter
- You are free to add or reduce the number of problems within each section. Some sections may need more practice whereas others may need less
- EOO means Every Other Odd

“Scientific Calculators Only”

<u>7.1 Simplifying Rational Expressions</u>	<u>p483 (1 – 85 odd)</u>
<u>7.2 Multiplying and Dividing Rational Expressions</u>	<u>p491 (1 – 83 odd)</u>
<u>7.3 Add, Subt Rat'l Expressions with a Common Denominator</u>	<u>p499 (1 – 89 odd)</u>
<u>7.4 Find Least Common Denominator, Form Equiv Expression</u>	<u>p507 (1 – 73 odd)</u>
<u>7.5 Add, Subt Rat'l Expressions with Unlike Denominator</u>	<u>p517 (1 – 91 odd)</u>
<u>7.6 Complex Rational Expressions</u>	<u>p526 (1 – 45 odd)</u>
<u>7.7 Rational Equations</u>	<u>p538 (1 – 89 odd)</u>
<u>7.8 Models Involving Rational Equations</u>	<u>p553 (1 – 71 odd)</u>
<u>8.1 Graphs of Equations</u>	<u>p573 (1 – 65 odd)</u>
<u>8.2 Relations</u>	<u>p581 (1 – 57 odd)</u>
<u>8.3 An Introduction to Functions</u>	<u>p593 (1 – 67 odd)</u>
<u>8.4 Functions and Their Graphs</u>	<u>p602 (1 – 51 odd)</u>
<u>8.5 Linear Functions</u>	<u>p615 (1 – 19, 29 - 35 odd)</u>
<u>8.6 Compound Inequalities</u>	<u>p628 (1 – 97 EOO)</u>
<u>8.7 Absolute Value Equations and Inequalities</u>	<u>p640 (1 – 97 odd)</u>
<u>E.1 A Review of Systems of Linear Equations in Two Variables</u>	<u>pE9 (1 – 75 odd)</u>
<u>E.2 Systems of Linear Equations in Three Variables</u>	<u>pE21 (1 – 49 odd)</u>
<u>9.1 Square Roots</u>	<u>p664 (1 – 77 odd)</u>
<u>9.2 nth Roots and Rational Expressions</u>	<u>p671 (1 – 93 odd)</u>
<u>9.3 Simplifying Expressions Using the Laws of Exponents</u>	<u>p678 (1 – 81 odd)</u>
<u>9.4 Simplifying Radical Expressions</u>	<u>p688 (1 – 139 EOO)</u>
<u>9.5 Adding, Subtracting and Multiplying Radical Expressions</u>	<u>p696 (1 – 103 odd)</u>
<u>9.6 Rationalizing Radical Expressions</u>	<u>p703 (1 – 85 odd)</u>
<u>9.7 Functions Involving Radicals</u>	<u>p709 (1 – 65 odd)</u>
<u>9.8 Radical Equations and Their Applications</u>	<u>p718 (1 – 95 odd)</u>
<u>9.9 The Complex Number Systems</u>	<u>p730 (1 – 123 EOO)</u>
<u>10.1 Solving Quadratic Equations by Completing the Square</u>	<u>p753 (1 – 103 EOO)</u>
<u>10.2 Solving Quadratic Equations by the Quadratic Formula</u>	<u>p767 (1 – 97 EOO)</u>
<u>10.3 Solving Equations Quadratic in Form</u>	<u>p777 (1 – 85 EOO)</u>
<u>10.4 Graphing Quadratic Functions Using Transformations</u>	<u>p791 (1 – 85 EOO)</u>
<u>10.5 Graphing Quadratic Functions Using Properties</u>	<u>p805 (1 – 97 EOO)</u>
<u>10.6 Quadratic Inequalities</u>	<u>p818 (1 – 71 EOO)</u>
<u>12.1 Distance and Midpoint Formulas</u>	<u>p917 (1 – 51 odd)</u>
<u>12.2.Circles</u>	<u>p923 (1 – 57 odd)</u>