

Assign.	Page	Problems**	Type of Problem
			<b>Blue Highlighted</b> are problem examples for the In-class or Take Home Test
			<b>Yellow Highlighted</b> are problem examples for the Take Home Test
<b>6.1F</b>	428	1-43	<b>The Indefinite Integral</b>
6.1A	428	49-54	<b>Applications of the Indefinite Integral</b>
6.1A	428	45-62	<b>Applications of the Indefinite Integral</b>
<b>6.2F</b>	437	1-39	<b>Integration by Substitution</b>
<b>6.3G</b>	452	19-34	<b>Using Graphs to Determine Definite Integrals</b>
<b>6.4F</b>	463	1-13; 17, 19, 21-31	<b>Definite Integrals &amp; The Fundamental Theorem of Calculus</b>
6.4G	464	43-48 (ALL)	<b>Calculating Bounded Areas:</b> (May require Graphing to visualize the problem)
6.4A	464	51-60	<b>Applications of Definite Integrals. In class, would ask you to set up the integral only.</b>
6.4A	464	51-60	<b>Applications of Definite Integrals</b>
<b>Ch6R</b>	467	1-11, 21, 23-35	<b>Chapter 6 Review:</b> These problems can be helpful as a <i>part</i> of the review process.
<b>7.2G</b>	491	1-6; 9-17	<b>Finding Area Between Two Curves:</b> (In-class, set up integral(s) only)
<b>7.2G</b>	491	1-17	<b>Finding Area Between Two Curves:</b> (May require Graphing to visualize the problem)
<b>8.1F</b>	547	1-9	<b>Functions of Several Variables (Only for use in evaluating for other sections.)</b>
<b>8.3F</b>	566	1-11, 19-23	<b>Partial Derivatives</b>
<b>8.5F</b>	585	1-17	<b>Constrained Maxima &amp; Minima; Lagrange Multipliers (Bonus???)</b>
<b>8.6F</b>	593	1-15; 37, 39	<b>Double Integrals &amp; Finding Volume (In-class, simple evaluation or set-up only)</b>
<b>8.6F</b>	593	1-15; 37, 39	<b>Double Integrals &amp; Finding Volume</b>
<b>* &amp; **</b>		**Do Odd Problems	*Starred sections will probably be covered later in the semester if there is time. *Starred problems are optional.
<b>CODE</b>	<b>for</b>	<b>ASSIGN #:</b>	<b>R-Review; T-Use Tables; G-Graph or Use Graphs; F-Functional or Algebraic Approach; A-Applications</b>