

**WDYLT** Part of each assignment in Calculus is your response to these 3 questions:

1. **What did you learn today that was new?**    2. **How does what you learned relate to what you previously knew?**    3. **What good is this new idea?**

You may answer these questions at any time during your assignment, but your responses should always appear as questions a, b, and c at the beginning of each assignment. Your responses will count as 1/5 of your score for each assignment.

CH. 6		Big Idea: Differential Equations, Integration Techniques, Growth and Decay Models	Enduring Understanding: Knowing how one quantity changes compared to another along with a specific value is often enough to determine everything we want to know about this relationship.		Enduring Question: How can we tell when our state's population will reach 3 million?
Day	Title	Concept	LEARNING TARGETS (What I understand, know, and be able to do.)	How am I doing? A= I knew how and got it right B= I knew how, but small error C= I had no idea/guessed right D= I had no idea/guessed wrong	Assessments/Learning Activities
45	6.1	Antiderivatives, Differential Equations, and Slope Fields, Euler's Method	a. I know what differential equations are.		<input type="checkbox"/> WDYLT? <input type="checkbox"/> 6.1: 1, 5, 8, 13, 19, 31, 53 <input type="checkbox"/> Review 5: 3, 29, 33 <input type="checkbox"/> 5.5: 30 <input type="checkbox"/> 3.8: 1 <input type="checkbox"/> Review 3: 25 <input type="checkbox"/> 4.6: 20 <input type="checkbox"/> 5.3: 26
			b. I Understand the difference between definite and indefinite integrals and why a constant of integration is necessary with indefinite integrals.		
			c. I can solve simple separable differential equations using lists of memorized integrals (eighteen).		
			d. I can approximate solutions to simple separable differential equations using slope fields.		
			e. I can approximate solutions to simple separable differential equations using Euler's method.		
46	6.2, Part 1	Integration by Substitution	a. I can solve simple separable differential equations using u-substitution, including change of limits of integration.		<input type="checkbox"/> WDYLT? <input type="checkbox"/> 6.2: 1, 4, 7, 15, 19, 21, 33, 47, 61 <input type="checkbox"/> 6.1: 4, 15, 23, 46 <input type="checkbox"/> Review 5: 44 <input type="checkbox"/> 4.2: 14 <input type="checkbox"/> 4.4: 59 <input type="checkbox"/> 5.1: 12 <input type="checkbox"/> 5.2: 26
Quiz 18		Score: ____ Possible: ____	What do I need help with?	What's my plan?	What did I do to improve?

47	6.2, Part 2	Integration by Substitution				<input type="checkbox"/> WDYLT? <input type="checkbox"/> 6.2: 10, 18, 20, 30, 36, 39, 43, 45, 57, 62 <input type="checkbox"/> 6.1: 34 <input type="checkbox"/> 3.7: 38 <input type="checkbox"/> 4.3: 4 <input type="checkbox"/> Review 4: 53 <input type="checkbox"/> 5.4: 46
48	6.4	Exponential Growth and Decay	a. I recognize from differential equations unbounded and bounded growth situations.			<input type="checkbox"/> WDYLT? <input type="checkbox"/> 6.4: 3, 7, 13, 17, 21, 27, 43 <input type="checkbox"/> 6.2: 38, 46, 51, 59 <input type="checkbox"/> 4.4: 7, Review 4: 8 <input type="checkbox"/> 5.3: 3 <input type="checkbox"/> 5.4: 14
			b. I can solve unbounded and bounded growth situations.			
Quiz 19		Score: ____ Possible: ____	What do I need help with?	What's my plan?	What did I do to improve?	
48	Review					<input type="checkbox"/> WDYLT? <input type="checkbox"/> 4.1: 24 <input type="checkbox"/> 4.5: 47 <input type="checkbox"/> 4.6: 32 <input type="checkbox"/> 4.2: 6 <input type="checkbox"/> 5.3: 36 <input type="checkbox"/> 5.4: 36, 43 <input type="checkbox"/> 5.5: 5, 12 <input type="checkbox"/> Review 5: 54 <input type="checkbox"/> 6.1: 10, 32, 37 <input type="checkbox"/> 6.2: 32, 50
49	Practice 6.1, 6.4					<input type="checkbox"/> WDYLT? <input type="checkbox"/> 6.1: 7, 20, 25, 40 <input type="checkbox"/> 6.4: 9, 10, 22, 30, 36, 41, 58 <input type="checkbox"/> 6.2: 58 <input type="checkbox"/> 3.8: 15 <input type="checkbox"/> 4.4: 5 <input type="checkbox"/> 4.6: 21 <input type="checkbox"/> 5.1: 30
Quiz 20		Score: ____ Possible: ____	What do I need help with?	How will I improve?	What did I do to improve?	

50	Review 6		What do I need help with?			<input type="checkbox"/> Review 6: 3, 4, 7, 13, 15, 28, 38, 40, 43, 54 <input type="checkbox"/> 6.1: 44, 66 <input type="checkbox"/> 6.4: 14, 25, 28 <input type="checkbox"/> 3.7: 57 <input type="checkbox"/> 3.9: 12 <input type="checkbox"/> 4.4: 36 <input type="checkbox"/> 5.3: 22
51	Test 7	Score: ____ Possible: ____	What do I need help with?	What's my plan?	What did I do to improve?	