

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		<u>Big Idea:</u> Differential Equations, Integration Techniques, Growth and Decay Models	<u>Enduring Understanding:</u> 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.		<u>Enduring Question:</u> 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, 43 <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 6a		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: 41 <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 6b		Score: ____ Possible: ____	What do I need help with?	What's my plan?	What did I do to improve?	
48	Review		<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"/> 6.1: 7, 20, 25, 40 <input type="checkbox"/> 6.4: 9, 10, 22, 30, 36, 41 <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 6c		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 6	Score: ____ Possible: ____	What do I need help with?	What's my plan?	What did I do to improve?	