

2022-23 BC – Daily Baby Pages/Assignments

For:	Baby Pages/Assignments
8-10	Get Big Baby binder ready for class tomorrow. Remember, book bags need to be left in the hall outside my door, so have the materials ready that you will need in class so that you won't be tardy. I am a pain about tardies.
	Be sure that you read Daily Student Requirements on my web page by tomorrow. It contains all my grading procedures, make-up procedures, etc. I will ask you questions about it.
	Go to the test calendar page NOW and place all test dates in your planner.
	You should have checked out the "Review of Algebra" link on my web page. These are excellent resources for precalculus review.
	This course is not about cramming for the next test to then forget; this course is about retaining information, understanding new concepts, and applying your knowledge in new contextual situations. If YOU get behind, YOU are increasing your future work load. My tests are not identical to homework with a few numbers changed; my tests are cumulative and very conceptual and require you to understand and integrate concepts together in a new context or application. My tests are very much like the AP exam from the beginning of the course – they will stretch you out of your "comfort box." The AP exam is still set regardless of what YOU do.
8-11	B1-B9 – graphical and analytical limits
8-12	B10-B16 – analytical and numerical limits
8-15	B17-B18 – special limits
8-16	B19-B22 – limit practice
8-17	B23-B25 – continuity
8-18	B26 – IVT
8-19	B27-B31 – basic derivative concepts – graphical, sketching derivatives
8-22	B32-B37 – sketching derivatives
8-23	B38-B41 – sketching antiderivatives
8-24	B42-B50 – Curve Sketching Cards
8-25	B51-B57 – Review of limits and continuity
8-26	TEST – Limit Workout #1
8-29	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
8-30	TEST – Section B
8-31	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
9-1	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
9-2	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
9-5	LABOR DAY – no school
9-6	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
9-7	C1-C16, C28-C31 – Derivative Rules (continues for 6 days)
9-8	C17-C19 – derivative applications – inverse
9-9	HOMECOMING!
9-12	TEST – Derivative Workout – be able to differentiate everything and be a Derivative Superlative!
9-13	C20-C25 – derivative applications – motion
9-14	C26-C27 – derivative limits
9-15	C28-C31 – derivative practice
9-16	C32-C38 – Review of short answer questions including all derivative rules and applications
9-19	D1-20 – curve sketching (D1-D5 – Mean Value Theorem and Rolle's Theorem)
9-20	TEST – Section C – this is an EVERYTHING derivative test – both conceptual and applications
9-21	D1-20 – curve sketching (D6-D11 – Extreme Value Theorem and graphical analysis foundation)
9-22	D1-20 – curve sketching (D12-D16 – graphical analysis foundation)
9-23	D1-20 – curve sketching (D12-D16 – graphical analysis foundation)
9-26	D1-20 – curve sketching (D12-D16 – graphical analysis foundation)

9-27	D1-20 – curve sketching (D17-D20 – review of curve sketching with short answer questions)
9-28	D21-D27 – related rates
9-29	D21-D27 – related rates
9-30	D28-D31 – optimization
10-3	D28-D31 – optimization
10-4	Pre-ACT (10), e-day (11), WorkKeys (12)
10-5	D32-D34 – review of related rates and optimization
10-6	D35-D39 – l’Hopital’s Rule
10-7	e-Day AND D39-D41, D43 – review of l’Hopital’s Rule
10-10	(1st Nine-Weeks Test on one day this week) AND Inclement Weather Day – no school
10-11	D42, D44-D45 – secant and tangent lines
10-12	PSAT (10, 11), e-day (12)
10-13	D46-D50 – AB motion (particle)
10-14	End of 1st 9-weeks AND D51-D52 – limit and derivative applications review
10-17	TEST – Section D – non-calculator and calculator parts
10-18	E18-E32 – antidifferentiation (continues for 5 days)
10-19	E18-E32 – antidifferentiation (continues for 5 days)
10-20	E18-E32 – antidifferentiation (continues for 5 days)
10-21	E18-E32 – antidifferentiation (continues for 5 days)
10-24	E18-E32 – antidifferentiation (continues for 5 days)
10-25	E1-E11 – numerical integration, Riemann sums
10-26	E1-E11 – numerical integration, Riemann sums
10-27	E12-E17 – area between curves
10-28	E12-E17 – area between curves
10-31	E33-E56 – Fundamental Theorem of Calculus – (E33-E39) discovery, notation, graphical concepts
11-1	E33-E56 – Fundamental Theorem of Calculus – (E39-E42) graphical concepts, CS applications
11-2	E33-E56 – Fundamental Theorem of Calculus – (E43-E48) graphical transformations, review
11-3	E33-E56 – Fundamental Theorem of Calculus – (E49-E50) u-substitution, (E51-56) integral review
11-3	E57-E63 – average value, Mean Value Theorem
11-4	TEST – Integration Workout #1
11-7	E64-E69 – extrema, short answer questions
11-8	E70-E71 – tabular data
11-9	E72-E82 – AB motion
11-10	E72-E82 – AB motion
11-11	Veterans Day – no school
11-14	E83-E88 – Riemann sum conversion to integrals
11-15	E83-E88 – Riemann sum conversion to integrals
11-16	Review – graphical analysis, Fundamental Theorem of Calculus, AB Motion short answer questions
11-17	Review – graphical analysis, Fundamental Theorem of Calculus, AB Motion short answer questions
11-18	TEST – Section E – non-calculator and calculator parts
11-21	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days)
11-22	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (parts)
11-23	Thanksgiving holidays
11-24	
11-25	
11-28	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (parts)
11-29	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (partial fract)
11-30	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (partial fract)
12-1	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (trig powers)
12-2	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (trig powers)

12-5	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (trig subs)
12-6	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (all techniques)
12-7	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (all techniques)
12-8	BC E1-BC E13 – techniques of integration, improper integrals (continues for 11 days) (all techniques)
12-9	TEST – Integration WO #2 – BC Techniques (on 9-weeks test day this week)
12-12	Dead Day
1-4 1-5 1-6 1-9 1-10 1-11	F1-F22, BC F1-F8– rectangular area, volume, arc length, surface area
1-12	TEST – Rectangular A, V, AL, SA – non-calculator and calculator parts
1-13 1-17 1-18 1-19 1-20 1-23	BC F9-BC F21 – parametrics/vectors
1-24	TEST – Parametric (Vectors) A, V, AL, SA – non-calculator and calculator parts
1-25 1-26 1-27 1-30 1-31	BC F22-BC F33 – polar
2-1	TEST –Polar A, V, AL, SA – non-calculator and calculator parts
2-2	G1-G9 – introduction to differential equations, verify solutions
2-3	G1-G9 – introduction to differential equations, verify solutions
2-6	G10-G11 – separate and integrate
2-7	G12-G13 – Euler’s method
2-8 2-9	G14-G23 – families of differential equations - exponential growth, Newton’s Law of Heating and Cooling
2-10	G24-G27 - logistic
2-13	G24-G27 - logistic
2-14	TEST – 7 Theorems – the theorems are listed on AB R9-R12 and are spread throughout Baby
2-15	G28-G31 – notes on slope fields
2-16	G39-G45 – review on differential equations
2-17	e-Day – G32-G38 – differential equations multiple choice
2-20	Presidents’ Day – no school
2-21	G39-G45 – review on differential equations
2-22	TEST – Section G – non-calculator and calculator parts
2-23 2-24 2-27 2-28 3-1 3-2 3-3	BC H1-BC H25 – series convergence tests, absolute and conditional convergence
3-6 3-7	BC H26-BC H35– power and Taylor series, alternating series, LaGrange error bound, alternating series error bound

3-8	
3-9	
3-10	
3-13	(3rd Nine-Weeks Test on one day this week)
3-14	ACT (11), e-day (10, 12)
3-15	Series SA questions
3-16	(3rd Nine-Weeks ends on 3-17)
3-17	
3-20	
3-21	
3-22	
3-23	TEST – Section H – non-calculator and calculator parts
3-24	Review begins on BC topics.