Calculus AB

Chapter 2 – Limits and Continuity

Monday	Tuesday	Wednesday	Thursday	Friday
		8/14 Quick Review (QR) pg. 65 #1-4, 9-10 Exercise #2, 7, 11, 13, 15, 17 **Sign up for the online book. There will be required online homework.**	**8/15** **Section 2.1 Rates of Change and Limits** p. 65 23, 26, 43, 46, 48, 50 **Sign up for the online book. There will be required online homework.**	**8/16** Section 2.1 **Worksheet and MyLab Math Orientation assignment due on 8/20**
8/19 (LS) Section 2.1 (properties of limits) p. 66-68 #28, 30, 31, 33, 44, 55, 56, 61, 65, 67,71, 73-76	**8/20** **Section 2.2 Limits Involving Infinity** p. 75-76 QR #1-2 #1, 2, 4, 5, 13, 16, 21, 24, 27, 29, 31	**8/21** Section 2.2 p. 77: #22, 25, 28, 35-38, 42, 55 p. 77: 59-64, 70	**8/22** **Section 2.3 Continuity** p. 84-85: #1, 3, 7, 9, 11-19 Do the underlined problems without a calculator	**8/23** **Quiz 2.1-2.2** **May include problems from the summer packet** Start online HW
8/26 Section 2.3 p. 84-85: #24-26, 29, 41-43, 47, 50, 54-59 AP Prep p. 77: #1-3	**8/27** **Section 2.4 Rates of Change, Tangent Lines and Sensitivity** p. 93-94: # 1, 6, 7, 9-15 odd, 16, 27	**8/28** Section 2.4 p. 94-95: #29, 33, 40, 41-46 **AP Prep p. 96: #1-4**	**8/29** Quiz 2.3-2.4 **May include problems from the summer packet** Review p. 97-98: 1, 5, 7, 9, 15-24, 28, 33, 36, 41, 43, 47, 54	**8/30** Institute Day
9/2 **Labor Day** **NO SCHOOL**	**9/3** **In class graded Assignment** CH 2 Online Homework Due 9/6 at 8 am (2 tries per problem)	**9/4** **Study for Test** CH 2 Online Homework Due tomorrow at 8 am (2 tries per problem)	**9/5** **Chapter 2 Test**	

Problems shaded grey in the textbook like 1 and 2 below are to be done without a calculator.

Section 2.1 Exercises

In Exercises 1–4, an object dropped from rest from the top of a tall building falls $y = 16t^2$ feet in the first t seconds.

1. Find the average speed during the first 3 seconds of fall.
2. Find the average speed during the first 4 seconds of fall.
3. Find the speed of the object at $t = 3$ seconds and confirm your answer algebraically.
4. Find the speed of the object at $t = 4$ seconds and confirm your answer algebraically.

*****If you are absent you must show me any missing work upon your return.**