

Suggested Homework Problems for Applied Calculus II for **4th edition** of  
*Applied Calculus* by *Hughes-Hallett, et al.*  
Fall 2014

Section 5.1, pages 238 - 240, #3 - 9 all, 14, 15, 16, 19  
Section 5.2, pages 246 - 247, #3, 5 - 10 all, 17, 18, 19 - 29 odd  
Section 5.3, pages 251 - 252, #1, 2, 3, 5, 10, 12 - 15 all, 18, 19, 26, 27, 29, 32  
Section 5.4, pages 256 - 260, #2, 5, 9, 12, 17, 20, 24, 28, 33, 35, 37  
Section 5.5, pages 262 - 263, #2, 3, 4, 6, 7, 9, 11, 12, 13

Focus on Theory, page 273, #8 - 11 all

Section 6.1, pages 278 - 280, #1 - 4 all, 8, 11, 12, 15, 16, 18, 21  
Section 6.2, pages 284 - 286, #1 - 5 all, 7, 9, 12  
Section 6.3, pages 288 - 289, #3 - 7 all, 9, 13  
Section 6.4, pages 292 - 293, #1, 3, 6 - 12 all, 15

Section 7.1, pages 303 - 304, #1 - 13 odds, 33 - 51 odds, 55, 63, 67  
Section 7.2, pages 307 - 308, #1 - 17 odds, 29 - 39 odds, 42  
Section 7.3, pages 311 - 312, #1 - 15 odd, 22, 24, 25, 27, 29, 34, 35, 38, 39, 40  
Section 7.4, pages 315 - 316, #1, 4, 5, 9, 15, 17, 18, 20, 21, 23  
Section 7.5, pages 319 - 322, #1 - 4 all, 7, 9, 13, 14, 17, 18, 21

*Focus on Practice*, page 326. You may want to select some of these problems for review. (Omit those dealing with trig functions.)

Section 8.1, pages 331 - 332, #1 - 11 all  
Section 8.2, pages 337 - 339, #1, 2, 4, 6, 7, 9, 11  
Section 8.3, page 343, #1, 3, 5, 6, 7, 8, 9

Section 9.1, pages 352 - 353, #1 - 5 all, 9, 10, 11, 15, 17  
Section 9.2, pages 360 - 363, #1, 2, 4, 10, 13, 17, 27  
Section 9.3, pages 369 - 371, #1 a,b, 2, 5, 7, 10, 12, 14, 17, 21  
Section 9.4, page 375, #1 - 11 odd, 15, 16, 19, 21, 23, 25, 29  
Section 9.5, pages 380 - 381, #2, 3, 7 - 13 odd, 19  
Section 9.6, pages 387 - 388, #1, 2, 3, 5, 7, 12, 14, 16, 21