

Homework 6, Due Wednesday, April 29 (Corrected Version)

- Section 11.2 *Use the geometric series and divergence test*

Problems: 17, 18, 25, 26, 29, 31, 32, 35

- Section 11.3 *Use the integral test*

Problems: 15, 16, 19, 21, 24

- Section 11.4 *Use the limit comparison test*

Problems: 5, 6, 10, 15, 17, 20, 24, 25, 28, 31

- Section 11.5 *Use the alternating series*

Problems: 3, 6, 7, 8, 10, 11, 15

- Section 11.6 *Use the ration test*

For the following problems the question is: Use the ration test to determine whether the series is absolutely convergence or divergence. If the ratio test is inconclusive use a different method to test for convergence

Problems: 4, 5, 6, 11, 13, 14, 27, 29