Lab 9: Making Sense of Our Tests

In class we have now covered a wide variety of test to determine the convergence or divergence of a series. For this lab you will attempt to lay out an organized approach to the applications of our tests.

1. In some organized fashion discuss what order you would use to apply the tests. If this order depends on checking the form of the series, state what you are looking for.

2. For each test, discuss convergence/divergence criteria, and any other interesting features to note.

3. There is not one correct answer. Your ordering may differ from others in the class, and yet both approaches are reasonable. Feel free to discuss your thoughts with your friends, but you need not agree with them on what you turn in.