

This week on the problem set we will practice integration by parts and applying L'Hopital's rule. Starred questions are usually (though not always) more difficult and/or not suitable for exams however are well worth thinking about!

The questions have been taken from the textbook:

J. Rogawski, C. Adams, *Calculus, Single Variable*, 3rd Ed., W. H. Freeman & Company,

and refer to the section and question number in the textbook.

1. (Section 7.7) 3, 6, 7, 12, 15, 18, 27, 32, 39, 49, 52, 54, 59, 61, 65, 69 – 72*.
2. (Section 8.1) 13, 16, 19, 23, 26, 34, 38, 36, 55, 56, 58, 75, 78.