

This week on the problem set we will see examples of integrals over more general regions.

You will only need to hand in a small selection of the questions for homework, however I recommend that you at least attempt them all by the end of the quarter as some may appear on exams!

Homework: The first homework will be due on Friday 20 January, at 12pm, the *start* of the lecture. It will consist of questions:

16.1.47, 16.2.31, 16.2.48

Note that the references to the textbook are for the 3rd edition, *late transcendentals* version.

1. From 16.2 in the textbook: 4, 8, 14, 20, 21, 23, 29, 31, 45, 48, 49.
2. From 16.3 in the textbook: 3, 5, 6, 7.