Integrals of functions of multiple variables

Reading

Sections 16.1

Problems

- Practice Problems 16.1: 3, 19, 23, 27, 29, 43, 45
- Problems to turn in 16.1: 6, 20, 28, 32, 44

Topics to know

1. Definition of double integral over a rectangle
2. Iterated integrals (p 871) and Fubini's theorem (thm 3)
3. Iterated integrals for product functions $f(x)g(y)$