

Selected solutions for worksheets from Math 53 (U.C. Berkeley's multivariable calculus course).

16. Double Integrals over Rectangles

Questions

1.

For both parts, substitute Q for $f(x_i^*, y_i^*)$ in the formula; what inequality do you get?

2.

(a) Use problem 1.

Problems

3.

$$\int_{-1}^1 \sin y \, dy = 0$$