

Assignment 8 – Parts 1 & 2 – Math 243

Textbook exercises:¹

Section 12.1: 10, 12, 14, 16, 20, 22

Section 12.2: 2

Other exercises:

(1) Evaluate the following.

(a) $\int (t^2 - 2, 1/t, -2) dt$

(b) $\int_0^1 (2\sqrt{t}, 1 - 2t, e^t) dt$

(c) $\int (\cos(t), \sec^2(t), t^2) dt$

¹From Hass, Weir, and Thomas' *University calculus: alternate edition*