

Assignment 13 – All 2 parts – Math 241

Due in class: Tuesday, Apr. 24, 2018

These exercises are taken from the textbook (Hass, Weir, and Thomas' *University calculus alternate edition* or *UH Mānoa custom edition*).

Section 5.1: 2, 4, 6, 8, 10

Section 5.2: 2, 8, 12, 14, 18, 24

Section 5.3: 10

Section 5.4: 2, 4, 6, 8, 14, 20, 22, 38, 40, 42 (For 38–42, the book says to find the area between the region and the x -axis, but they should be saying to find the area between the graph and the x -axis. These questions are then asking to find the area of the region consisting of points lying between the x -axis and the graph of $y = f(x)$ with x in the given interval.)