Individual Homework #8: Due in class Friday, March 22

Please **read** Sections 4.2–4.4. Also please **do:**

(a) **Section 4.2, Part 1: Work as force $\times$ distance** (page 206): Exercise 2abcd.

(b) **Section 4.3, Part 1: Riemann sums "by hand"** (pages 214–215): Exercises 1, 3.

(c) **Section 4.3, Part 2: Using RIEMANN.sws** (page 215): Exercises 4, 5, 6, 8.

(d) **Section 4.4, Part 1: Evaluating integrals geometrically** (pages 225–226): Exercises 1abcd, 4.

(e) **Section 4.4, Part 2: Integrals and Riemann sums** (pages 226–227): Exercise 7ac.