

# Math 2260 HW #1

Due 10:10 AM Friday, January 13

**Reading:** Hass §5.1–5.5

**Problems:** Do the assignment “HW1” on WebWork. In addition, write up solutions to the following problems and hand in your solutions in class on Friday.

1. Evaluate the definite integral

$$\int_4^9 \frac{2}{\sqrt{x}} dx.$$

2. Evaluate the indefinite integral

$$\int \frac{\cos(x)}{\sin^5(x)} dx.$$