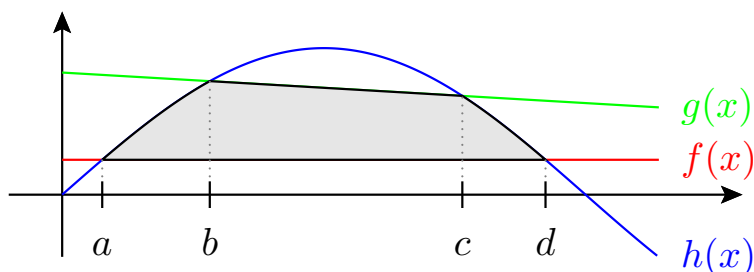# Quiz #1

MATH 126 — Calculus II
Thursday, Aug 29

Please print your name:

Problem 1. Consider the plot below. What is the area enclosed by the curves $y = f(x)$, $y = g(x)$ and $y = h(x)$? Your answer should be a sum of certain integrals.

Problem 2. Evaluate the following indefinite integral:

$$\int \cos(4t)\sin^5(4t)\,\mathrm{d}t$$

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