

MATH 102 - Quiz 7

April 27th

Full name:

Student ID:

Problem 1. Evaluate the double integral $\iint_D y dA$ where D is bounded by $y = x - 2$ and $x = y^2$.
[5 points]

Problem 2. Evaluate the iterated integral $\int_0^1 \int_{x^2}^1 \sqrt{y} \sin(\pi y^2) dy dx$. **[5 points]**