

WRITE YOUR NAME:

MAC 2312 Homework 2

Due in class, Friday January 26th

You can use more paper if necessary, but please STAPLE

Question 1. Find the area under the graph of $f(x) = x^{-2/3}$ on the interval $[1, 27]$.

Question 2. Evaluate the integral.

$$\int_{-1}^2 4x(1 - x^2) dx$$

Question 3. Evaluate the integral.

$$\int_1^2 \frac{1}{x^6} dx$$

Question 4. Evaluate the integral.

$$\int_{1/2}^1 \frac{1}{2x} dx$$