Quiz 11
Ma 16200
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Problem 1:
\[ \int_{1}^{\infty} \frac{4}{x^2} \, dx \]

Problem 2: Use the Trapezoidal rule to approximate:
\[ \int_{1}^{4} x^2 \, dx \]
with n=3

Hint: \( T_n = \frac{\Delta x}{2} [f(x_0) + 2f(x_1) + \ldots + 2f(x_{n-1}) + f(x_n)] \)