Quiz 3

July 7

Name:

1. Evaluate:

$$\int p^5 \ln p \; dp$$

2. Evaluate:

$$\int_0^{1/2} \frac{x}{\sqrt{1-x^2}}\, dx$$

3. Evaluate:

$$\int \frac{1}{3x^2 + 11x + 6}\ dx$$

4. Evaluate:

$$\int \frac{dx}{(5 - 4x - x^2)^{5/2}}$$