

Calculus II. Quiz 5. Name _____ Time _____

Show all work on this page for full and/or partial credit. Put a box around your final answers in each part.

1. Find the improper integral. $\int_4^{\infty} \frac{3}{e^{2x}} dx$

2. Find the improper integral. $\int_4^{\infty} \frac{3}{x+2} dx$

3. Find the improper integral. $\int_1^{\infty} \frac{7}{1+x^2} dx$

4. Find the improper integral. $\int_0^2 \frac{1}{x^3} dx$