

My Exam

- You have a certain amount of time to work on this exam.
- This exam is worth 50% of your final grade, so move with some alacrity.
- There are 3 questions, each of which is worth 30 points. You get 10 points for writing your name on all pages.

The grading scheme is as follows:

Question	Points	Score
0 (Name)	10	
1	30	
2	30	
3	30	

By signing below I affirm that I have read and intend to adhere to My University's code of Academic Integrity:

× _____

1. What is the airspeed velocity of an unladen swallow?

2. Integrate $\sin x$ with respect to γ .

3. Solve the following integral:

$$\int_{-\infty}^{\infty} \frac{1}{\sqrt{2\pi}} e^{-\frac{x^2}{2}} dx.$$

Show your work.