

Math 1627 Fall 2021
Quiz 01

Keep your video on and take the quiz so that you are visible in your zoom window. When you are finished, immediately email the test to me before 10:55. Preferably as a pdf file in the usual format. If you can't do that efficiently, photograph it and email that to me. Keep a copy of the test in case I have trouble reading the original file sent to me.

Perform the indicated integration for each of the following problems.

Problem 1.

$$\int x^2 e^{-4x} dx.$$

Problem 2.

$$\int \frac{4x + 2}{(x - 3)(2x + 1)} dx.$$

Problem 3.

$$\int x^3 \sqrt{25 - 4x^2} dx.$$