Math 190 Quiz 5: Friday Nov 27

The quiz is 20 minutes long and has two questions. No calculators or other aids are permitted. Show all of your work for full credit.

Questions:

1. Find all values of b so that

$$\int_1^b (2x - 5)\, dx = 0.$$

2. Compute the following integral

$$\int \sin x \cos x \, dx.$$