

QUIZ #11: CALCULUS 1A (Stankova)

Wednesday, April 14, 2004
Section 10:00–11:00 (Voight)

Name:

Please complete the following problem(s) in the space provided. You may *not* use a calculator. You will have 15 minutes to complete the quiz.

Please include all relevant intermediate calculations and explain your work when appropriate.

Problem 1. *Find the antiderivative F of f that satisfies the given condition.*

$$f(x) = 4 - \sec^2(2x), \quad F(\pi) = 0.$$

QUIZ #11: CALCULUS 1A (Stankova)

Wednesday, April 14, 2004
Section 11:00–12:00 (Voight)

Name:

Please complete the following problem(s) in the space provided. You may *not* use a calculator. You will have 15 minutes to complete the quiz.

Please include all relevant intermediate calculations and explain your work when appropriate.

Problem 1. Find f , if

$$f''(x) = \sin x + x^{-1/2}.$$