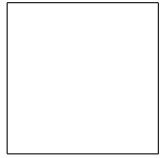


MATH 104      Quiz 5a      PRINT NAME \_\_\_\_\_



February 10, 2006      SIGNATURE \_\_\_\_\_

(5) 1. Solve the following equation for  $x$ :

$$16^{-x+1} = 8^x.$$

(10) 2. How long does it take for an investment of \$5000.00 to grow to \$9000.00 at an interest rate of 5.5 percent if interest is compounded

(a) quarterly?

(b) continuously?