

NAME _____

5 September 2008

MATH 224 — QUIZ II

DO EITHER (A) OR (B):

(A) What is $\frac{dy}{dx}$ if $y = \left(\frac{1}{x}\right)^{\frac{1}{x}}$?

(B) What is $\int \frac{(\ln x)^2}{x} dx$?