

Bonus for Quiz #8, Math 115
Nov 6th, 2006

Name: _____

Direction: Please *print* your name. And *show your work for credit*.

1. Find x such that

$$\ln x = \frac{2}{3} \ln 27 + \frac{1}{3} \ln 8 - \ln 3$$

(3 points)

2. Solve the following equation,

$$\log x + \log(x + 15) = 2$$

(4 points)