

NAME:

MT100

DISCUSSION (CIRCLE ONE)      11      12      1      2      3

QUIZ 1

**Problem 1:** Let  $f(x) = \frac{x+1}{3x-2}$ , find  $f^{-1}(x)$ . (The inverse of  $f(x)$ )

**Problem 2:** Write  $\ln(e^3) - 5^{\log_5 2}$  in simplest terms.