MAT 123-Exam 1 (SAMPLE)-Fall 2013

NAME:

*Each numbered question is worth 25 points.

1. For all parts in question #1 $f(x) = \frac{1}{3x-4}$

a.) Determine the domain of $f(x)$.

b) Find a value b such that $f(b) = 9$

c) Determine the range of f.

d) Find a formula for $f^{-1}(x)$.