

MATH 120E
Quiz 3
November 1, 2001

1. (points) Let $f(x) = x + \frac{1}{x}$ and $g(x) = x - \frac{1}{x}$.

(a) What is the domain of f ?

(b) What is the domain of g ?

(c) Write the formula for the function $(f + g)(x)$.

(d) What is the domain of $(f + g)(x)$?

(e) What is the domain of $(f/g)(x)$?