

NAME \_\_\_\_\_

This is related to exam 3 and is due Wednesday, 11/18 by the time class starts. You may NOT get help with this problem in the math center.

Find  $f^{-1}(x)$ , the inverse of the following function:

$$f(x) = \frac{2x}{x+2}$$

What is the domain of  $f(x)$ ?

What is the range of  $f(x)$ ?

What is the domain of  $f^{-1}(x)$ ?

What is the range of  $f^{-1}(x)$ ?