

Name \_\_\_\_\_

Mathematics 105: Calculus I  
Fall Semester 2009  
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September 16  
Quiz #2

I. Let  $f(x) = \ln x$

A. With help of your calculator, sketch a careful graph of  $f$  .

B. Give a value of  $x$  for which  $f(x)$  is not defined.

II. Let  $g(x) = \tan x$

A. With help of your calculator, sketch a careful graph of  $g$  .

B. Give a value of  $x$  for which  $g(x)$  is not defined.