

November 15,2017

QUIZ#3 Math101-sec 12.

Net Time Allowed: 20 minutes

Name:

ID # :

Serial #:

(Justify clearly your answer !)

Exercise1:(05 points)

If $f(x) = \sec x$ and $g(x) = \tan x$, then find $(f \circ g)'(x)$.

Exercise2:(05 points)

If $y^2 + x = 3xy$ then find $\frac{dy}{dx}$ when $y = 1$.