

November 27, 2014

QUIZ#3 Math101-sec 32.

Net Time Allowed: 15 minutes

Name:

ID # :

Serial #:

Exercise1:(05 points)

Find the derivative of y with respect to the appropriate variable:

$$y = \sin^{-1} \left(\frac{x-4}{x+4} \right), \quad x > 0.$$

Exercise2:(05 points)

Find the equation of the tangent line to the curve $y = 2 \tan \left(\frac{\pi x}{4} \right)$ at $x = 1$.