

February 10,2015

QUIZ#1 Math101-sec 8.

Net Time Allowed: 20 minutes

Name:

ID # :

Serial #:

**Exercise1:**(05 points)

For the limit  $\lim_{t \rightarrow 5} \sqrt{19 - 2t} = 3$ , find a  $\delta > 0$  that works for  $\epsilon = 1$ .

**Exercise2:**(05 points)

Find the limit  $\lim_{x \rightarrow 9} \frac{9 - x}{3 - \sqrt{x}}$ , if it exists. **Justify clearly your answer.**