

## Quiz 4

MAT 201, SPRING 2017

NAME:

Use the quotient rule to find derivatives of each of the following trigonometric functions.

1. (4 points)  $\tan x$

2. (4 points)  $\csc x$

3. (4 points)  $\sec x$

4. (4 points)  $\cot x$

Evaluate the following limit.

5. (4 points)  $\lim_{x \rightarrow 0} \frac{\tan 5x}{x}$