

Quiz 6 - MATH 151

DATE: Week 8, March 3 - 7

INSTRUCTOR: George Voutsadakis

Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points.

GOOD LUCK!!

1. Compute the limit $\lim_{x \rightarrow 7} \frac{-x^2+6x+7}{x^2-12x+35}$. (5 points)
2. Find the average rate of change of the function $f(x) = \sqrt{x-3}$ from $x = 12$ to $x = a$. (5 points)