

## Quiz 7 - MATH 151

DATE: Week 9, March 10-14

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  $\lim_{x \rightarrow 3} \frac{x^2 - 10x + 21}{x^2 - 2x - 3}$ . (5 points)
2. Compute the limit  $\lim_{x \rightarrow +\infty} \frac{2x^2 - 3x + 1}{5x^2 + x - 7}$ . (5 points)