

Quiz 1

Name & Surname: _____

MATH 101 Fall 2025-2026

ID Number: _____

Section 10

Grade: _____

1. Find the vertical asymptotes of the function $f(x) = \frac{\tan x}{x^2 - 7x + 12}$.

2. Evaluate the limit $\lim_{x \rightarrow 1} \frac{x^4 + 2x^3 - 2x^2 - x}{x^3 - 1}$, if it exists. (*Do not use L'Hopital's Rule.*)
