

MATH 31 - Calculus. Quiz 1. 02/13/2025. Professor Luis Fernández

NAME: _____

Find the following limits:

1. $\lim_{x \rightarrow -2} (3x - 7)$

2. $\lim_{x \rightarrow -3} \frac{x^2 + 3x}{x^2 - x - 12}$

3. $\lim_{x \rightarrow 9} \frac{9 - x}{3 - \sqrt{x}}$

4. $\lim_{t \rightarrow 0} \left(\frac{1}{t} - \frac{1}{t^2 + t} \right)$