

Name: _____

QUIZ 2 

MATH 200
August 27, 2024


1. $\lim_{x \rightarrow 3} \frac{x^2 + x - 12}{x^2 - 9} =$

2. $\lim_{x \rightarrow 2^+} \frac{4x - 8}{|x - 2|} =$

3. $\lim_{x \rightarrow 1} \frac{1 - \frac{1}{\sqrt{x}}}{x - 1} =$

4. $\lim_{x \rightarrow 1} \frac{x}{\cos(\pi x) - 2} =$

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1. $\lim_{x \rightarrow 0} \frac{\frac{1}{2+x} - \frac{1}{2}}{x} =$

2. $\lim_{x \rightarrow 1} \frac{\sqrt{x} - 1}{x - 1} =$

3. $\lim_{x \rightarrow 2^-} \frac{|x - 2|}{4x - 8} =$

4. $\lim_{x \rightarrow 3} \frac{\sin\left(\frac{\pi}{x}\right)}{x} =$