
Name: _____

1. $\lim_{x \rightarrow \pi} \frac{1 + \cos(3x)}{(x - \pi)^2} =$

2. $\lim_{x \rightarrow \infty} x \sin\left(\frac{1}{x}\right) =$

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QUIZ 20



MATH 200
November 6, 2025

1. $\lim_{x \rightarrow 1} \frac{e^x - ex}{x^2 - 2x + 1} =$

2. $\lim_{x \rightarrow 0} 5x \cot(3x) =$