
Name: _____

QUIZ 2 ♡

MATH 200
September 1, 2021

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

2. $\lim_{x \rightarrow 4} \frac{\frac{1}{x} - \frac{1}{4}}{x - 4} =$

3. $\lim_{x \rightarrow 4\pi/3} \sin(x) =$

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

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

2. $\lim_{h \rightarrow 0} \frac{\frac{1}{5+h} - \frac{1}{5}}{h} =$

3. $\lim_{x \rightarrow \pi/3} \sin(x) =$

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

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QUIZ 2 ♣

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1. $\lim_{x \rightarrow 2} \frac{x^2 - 4}{x^2 + 3x - 10} =$

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

3. $\lim_{x \rightarrow \pi/4} \sin(x) =$

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

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$$1. \lim_{x \rightarrow -5} \frac{x + 5}{x^2 + 3x - 10} =$$

$$2. \lim_{h \rightarrow 0} \frac{\sqrt{5+h} - \sqrt{5}}{h} =$$

$$3. \lim_{x \rightarrow 5\pi/4} \sin(x) =$$

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