

Name: _____

1.
$$\lim_{h \rightarrow 0} \frac{\sqrt{4+h} - 2}{h} =$$

2.
$$\lim_{x \rightarrow 5} \frac{\frac{10}{x} - 2}{x - 5} =$$

3.
$$\lim_{x \rightarrow 3} \frac{21 - 7x}{2x - 6} =$$

4.
$$\lim_{x \rightarrow 7\pi/6} \tan(x) =$$

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QUIZ 2 \diamond

MATH 200
August 31, 2022

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

2. $\lim_{h \rightarrow 0} \frac{\frac{6}{6+h} - 1}{h} =$

3. $\lim_{x \rightarrow 3} \frac{9 - x^2}{2x^2 - 18} =$

4. $\lim_{x \rightarrow 7\pi/4} \sec(x) =$

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$$1. \lim_{h \rightarrow 0} \frac{\frac{1}{6+h} - \frac{1}{6}}{h} =$$

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

$$3. \lim_{x \rightarrow 6} \frac{60 - 10x}{2x - 12} =$$

$$4. \lim_{x \rightarrow 5\pi/6} \sin(x) =$$

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QUIZ 2 ♠

MATH 200
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1. $\lim_{x \rightarrow 3} \frac{\frac{4}{x} - \frac{4}{3}}{x - 3} =$

2. $\lim_{h \rightarrow 0} \frac{\sqrt{7+h} - \sqrt{7}}{h} =$

3. $\lim_{x \rightarrow 4} \frac{5\sqrt{x} - 10}{2 - \sqrt{x}} =$

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