Name: _____

Quiz 4 ♡

MATH 200
September 13, 2021

1. $\lim_{x \to 0} \dfrac{x^2 + 2x - 24}{x^2 - 5x + 4} =$

2. $\lim_{x \to \infty} \dfrac{x^2 + 2x - 24}{x^2 - 5x + 4} =$

3. $\lim_{x \to 4} \dfrac{x^2 + 2x - 24}{x^2 - 5x + 4} =$

4. $\lim_{x \to 1^+} \dfrac{x^2 + 2x - 24}{x^2 - 5x + 4} =$

5. $\lim_{x \to \infty} \tan^{-1}\left(\dfrac{1}{x}\right) =$

Name: _____

Quiz 4 ♣

MATH 200
September 13, 2021

1. $\lim_{x \to 1} \dfrac{4x^2 - 4}{x^2 - 11x + 10} =$

2. $\lim_{x \to \infty} \dfrac{4x^2 - 4}{x^2 - 11x + 10} =$

3. $\lim_{x \to 0} \dfrac{4x^2 - 4}{x^2 - 11x + 10} =$

4. $\lim_{x \to 10^+} \dfrac{4x^2 - 4}{x^2 - 11x + 10} =$

5. $\lim_{x \to 0^+} \tan^{-1}\left(\dfrac{1}{x}\right) =$

Name: _____

Quiz 4 ♢

MATH 200

September 13, 2021

1. $\lim_{x \to 4} \dfrac{x^2 - 5x + 4}{x^2 + 2x - 24} =$

2. $\lim_{x \to \infty} \dfrac{x^2 - 5x + 4}{x^2 + 2x - 24} =$

3. $\lim_{x \to 0} \dfrac{x^2 - 5x + 4}{x^2 + 2x - 24} =$

4. $\lim_{x \to -6^+} \dfrac{x^2 - 5x + 4}{x^2 + 2x - 24} =$

5. $\lim_{x \to -\infty} e^x =$

Name: _____

Quiz 4 ♠

MATH 200
September 13, 2021

1. $\lim_{x \to 0} \dfrac{x^2 - 11x + 10}{4x^2 - 4} =$

2. $\lim_{x \to \infty} \dfrac{x^2 - 11x + 10}{4x^2 - 4} =$

3. $\lim_{x \to 1} \dfrac{x^2 - 11x + 10}{4x^2 - 4} =$

4. $\lim_{x \to -1^+} \dfrac{x^2 - 11x + 10}{4x^2 - 4} =$

5. $\lim_{x \to \infty} e^{1/x} =$