Name: _____

Quiz 10 ♡

MATH 200
October 4, 2021

Directions: Differentiate the following functions.

1. $y = e^{x^3 - 2x}$

2. $y = \sqrt{\cos(x)}$

3. $y = \sin\left(\left(x^4 - x^3\right)^8\right)$

4. $y = \left(\dfrac{x-1}{x+1}\right)^9$

5. $y = 4w^8 - w + 1 + w^3 \sin(\pi w)$

Name: _____

Quiz 10 ♣

MATH 200
October 4, 2021

Directions: Differentiate the following functions.

1. $y = \sin^5(x)$

2. $y = e^{x-x^2}$

3. $y = \sqrt{xe^{-x}}$

4. $y = \left(x + \tan\left(x^5\right)\right)^9$

5. $y = 4w^8 - w + 1 + w^3 \sin(\pi w)$

Name: _____

Quiz 10 ♢

MATH 200
October 4, 2021

Directions: Differentiate the following functions.

1. $y = \sec(-3x)$

2. $y = 7e^{x^2-2x+4}$

3. $y = \sqrt{x \sin(x)}$

4. $y = \tan\left(\left(x^6 + 4x^2\right)^7\right)$

5. $y = 4w^8 - w + 1 + w^3 \sin(\pi w)$

Name: _____

Quiz 10 ♠

MATH 200
October 4, 2021

Directions: Differentiate the following functions.

1. $y = e^{\sin(x)}$

2. $y = \sec\left(x^3 - 2x\right)$

3. $y = \sin\left(\tan\left(x^3 - 2x\right)\right)$

4. $y = \sqrt[3]{\dfrac{x-1}{x+1}}$

5. $y = 4w^8 - w + 1 + w^3 \sin(\pi w)$