

Name: \_\_\_\_\_

I'm in the Thurs11 Thurs12 Thurs1 or Fri10 recitation. (Circle one)

August 29, 2012  
MATH 200 – Quiz 1

(1) Suppose  $h(x) = \sqrt{x^3 + 1}$ . State functions  $f(x)$  and  $g(x)$  such that  $f \circ g = h$ .

$$f(x) =$$

$$g(x) =$$

(2) Convert 135 degrees to radians.

(3)  $\tan(\pi/3) =$

(4) (Optional) Name one mathematician (not from VCU) from the past or present.

*Hint: Einstein was not a mathematician!*

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MATH 200 – Quiz 1

(1) Suppose  $h(x) = \frac{1}{x^2 + 2}$ . State functions  $f(x)$  and  $g(x)$  such that  $f \circ g = h$ .

$$f(x) =$$

$$g(x) =$$

(2) Convert 75 degrees to radians.

(3)  $\tan(\frac{3\pi}{4}) =$

(4) (Optional) Name one mathematician (not from VCU) from the past or present.

*Hint: Einstein was not a mathematician!*