

Quiz

Directions: Carefully read each question below and answer to the best of your ability in the space provided. You **MUST** show your work to receive full credit!

1. (5 points) Consider the function

$$f(x) = 2x^{12} + 10x^2 + \sqrt{x+1} + 57.$$

Use the power rule to find the derivative $f'(x)$.

2. (5 points) Find the derivative, $g'(x)$, if $g(x) = \sqrt[7]{x^2 + 6x + 7}$.

Name: _____

Section (circle one): 021 022 023 024

Question:	1	2	Total
Points:	5	5	10
Score:			