

Math 124 A, Fall 2018, Quiz 5

November 13, 2018

Name and Section \_\_\_\_\_

Given

$$\frac{2}{x+y} + 2x^2 - y = 1$$

1. Compute  $y'$ . Clean up your answer. Do not leave more than one fraction line in your expression. Do not use negative exponents.

2. Compute the value of  $y''$  at the point where  $x = 1$  and  $y = 0$ .