

# Math 2215 - Calculus 1

Quiz #6 - 2017.09.11

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

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If  $f(x) = \sqrt{2x + 1}$ , compute  $f'(x)$  by using the limit definition of the derivative:

$$f'(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$$