$\begin{array}{lll} \text{Math 121 Sec F08N05 - Quiz 3} & \text{Name:} \\ \text{Oct 3 2008} & \text{Stu\#:} \end{array}$

(1)[8 points] Let $f(x) = 3x^2 - 5x$. Find the equation of the tangent line to the graph of y = f(x) at the point (2,2).

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(2)[7 points] Let $f(x) = \frac{1}{\sqrt{x+2}}$. Find f'(a).