

Name: _____

MATH 200 – QUIZ 5

February 14, 2013



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1. Suppose $f(x) = \frac{1}{x^2}$. Use the limit definition of the derivative to find $f'(x)$. Please show all work.

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1. Suppose $f(x) = 4 - 3x^2$. Use the limit definition of the derivative to find $f'(x)$. Please show all work.

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1. Suppose $f(x) = \sqrt{6x}$. Use the limit definition of the derivative to find $f'(x)$. Please show all work.

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1. Suppose $f(x) = \frac{1}{7x}$. Use the limit definition of the derivative to find $f'(x)$. Please show all work.