

232 Quiz 5**Name:** _____

March 23, 2012

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Work in groups. You must do all problems together, discussing and agreeing on your answer. You may not “split up” the work. You may use your Notebooks.

Solve each of the following integrals. Show your RELEVANT work clearly and in order.

1. $\int \frac{x}{\sin^2 x} dx$ (like #65 from 9.2)

2. $\int \frac{3x^2 + x + 1}{(x^2 + 1)^2} dx$ (like #36 from 9.3)