

MA 166: Quiz 6 Solutions

TA: Carlos Salinas

February 25, 2016

You have **15 minutes** to complete this quiz. You may work in groups, but you are not allowed to use any other resources.

Problem 1. Compute **two** of the following integrals of your choice

(a) $\int \frac{x^2}{x^2 - 1} dx$

(b) $\int \frac{x}{x^2 + 6x + 9} dx$

(c) $\int \frac{dx}{x^3 + x} dx.$