Quiz 3

MATH 222-001

Name: _____

Problem 1. (5 Points) Evaluate $\int_0^2 \dfrac{1}{(4+x^2)^{3/2}}\,dx$.

Problem 2. (5 Points) Find A, B and C so that $\dfrac{x^2}{(x^2-4)(x-1)} = \dfrac{A}{x-2} + \dfrac{B}{x+2} + \dfrac{C}{x-1}$.