Math 1450, Honor Calculus Practice8, Fall 2016.

October 10, 2016

PSID: _____   Name: _____

Find the partial fraction decomposition.

1. $f(x) = \dfrac{x^2}{(x-1)(x^2+4x+5)}$

2. $f(x) = \dfrac{x}{x^4-1}$.

3. $f(x) = \dfrac{1}{x(x^2+1)^2}$.

4. $f(x) = \dfrac{2x^2 + 1}{x^3 - 6x^2 + 11x - 6}$