

Name: _____
MAT 296

Quiz 6: Partial Fractions
Fall 2017

Problem 1: Integrate the following:

$$\int \frac{2x^3 - 13x^2 + 16x - 4}{x - 5} dx$$

Problem 2: Integrate the following:

$$\int \frac{5x - 16}{2x^2 + 7x - 4} dx$$

Problem 3: Integrate the following:

$$\int \frac{5x^3 - 4x^2 + 3x - 1}{x^2 + x^4} dx$$