

Homework 10

Name:

Date: July 29, 2015

P 1. Find the 5th Taylor polynomial of $f(x) = \frac{2}{x}$ centered at 1.

P 2. Find the interval of convergence of

$$\sum_{n=1}^{\infty} \frac{(-1)^{n+1}(x-3)^n}{\sqrt{n}}$$