

Math 488P/588 Homework #4

Due Thursday, 2/12/2015 NAME: _____

Assignment 1: Read Section Bluman Section 4.2 and 4.3

Assignment 2: Bluman Problems P. 214: #4, #8, #12, #24, #26

Assignment 3: Read the Hossain/Makhnin lecture notes until the start of Ch.3.6 (Hypergeometric distribution) on p.66.

Assignment 4: You roll a die until a 6 comes up.

4a: What is the minimum of tosses?

4b: What is the maximum of tosses?

4c: On average, how long will it take?

Assignment 5: You roll a die 4 times.

What is the probability to get two either two sixes or three sixes?