Math 262 Reading Guide

Section 2.4 NAME _____

1. Give an example of a binomial experiment that is *not* one of the experiments given in Examples 2.27 – 2.30.

2. What is the definition of a **binomial random variable**?

3. What is the meaning of $b(3; 4, p)$?

4. Let $X \sim \text{Bin}(n, p)$, meaning that X is a binomial random variable with parameters n and p. What are $E(X)$, $\text{Var}(X)$, and $\text{SD}(X)$?