Math 262 Reading Guide

Section 2.5 NAME

Read Section 2.5 and answer the following questions. *Hand in this worksheet at the next class.*

1. How does the text define a random variable with a **Poisson distribution**?

2. In what sense is the Poisson distribution a limit of binomial distributions?

3. What are the mean and variance of a random variable with a Poisson distribution?

4. What is a **Poisson process**? How is a Poisson process related to a Poisson distribution?