

Expectation for Quiz 3: topic 5, 6 and 7

- understand the concept of a random variable; understand that a random variable has a distribution, with a measure of mean (expectation) and a measure of spread (variance/standard deviation): students should be able to find the expected value and standard deviation of a random variable
- understand that certain random events can be described by probability models: discrete probability models (binomial, hypergeometric and Poisson): students will know how to find a probability, approximated probability, the expected value and standard deviation of each of the distribution