

Chapter 5 Test Review Topics

- ✓ Discrete vs. continuous random variables
- ✓ Discrete probability distribution:
 - 3 requirements
 - probability histogram
 - find parameters (mean, variance, standard deviation)
 - determine if values are unusual using range rule of thumb & rare event rule of inferential statistics
- ✓ Expected value of a discrete random variable
- ✓ Binomial probability distribution:
 - 4 requirements
 - 5% guideline for cumbersome calculations
 - finding probabilities using formula, table, and/or calculator
 - find parameters (mean, variance, standard deviation)
 - determine if values are unusual using range rule of thumb