

Section 1: From assigned reading

What is a probability model ?	
What requirements need to be met in order to have a probability distribution ?	
What is the expected value of a probability distribution?	
What is meant by having discrete outcomes ? (discrete variables)	
What is meant by having continuous outcomes ? (continuous variables)	
What is a probability density curve ?	
What is a cumulative density curve ?	
How are density curves used in statistics?	

Section 2: From assigned reading

What is a normal model ?	
What is the standard normal curve ?	
What is the mean and standard deviation for the standard normal curve?	
What is a nonstandard bell curve ?	
Where does the mean and standard deviation come from for the nonstandard bell curve?	
What is the relationship between a nonstandard bell curve and a standard normal curve?	
What is the difference between a bell shaped curve and the standard normal curve?	
What is a z-score ?	
What is the purpose of a z-score in terms of the nonstandard bell and standard normal curves?	

Calculator Concepts:

What is the process for finding z-scores on the calculator?	
What is the process for finding probabilities related to the normal curve on the calculator?	

Section 3: From assigned reading.

What is a binomial model ?	
What requirements go along with the binomial probability model?	

Calculator Concepts:

What is the process for finding probabilities related to binomial experiments on the calculator?	
Is there an alternate way to perform binomial probabilities using the standard normal curve?	
What process must be used in order to use this alternate approach? What should be remembered about this approach?	