	Topic/Objective:	Name:
	Ch 15 Random Variables	Class/Period:
		Date:

Essential Question(s): **How do you use the probability model for random variables to find its expected value and standard deviation?**

Questions:	Directions for the Cornell Notes:
Write 3-5 study questions to correspond with the definitions	**1) Read pages 389-405** (plain white indented text, skip colored boxes)
	2) **Define <u>all</u> of the following:**
	a) *Random Variable*
	b) *Probability Model*
	c) *Expected Value*
	d) *Variance and standard deviation*
	3) **Write an example problems, formulas or diagrams**
	a) *Changing a random variable by a constant*
	b) *Addition Rule for Expected Values*
	c) *Addition Rule for Variances*
	Remember these notes are to HELP YOU, so *write anything down from the reading* that you may need to understand the material and use on work.
	After doing the reading and notes, come to class with any questions about the material for me. Write these on the left side of your notebook, and take notes only on the right. I will do my best to address these questions in class or at study hall.

Summary:	
(In a well-written paragraph)	**Answer the essential question by summarizing Ch 15.**
	Use proper writing techniques.