Cornell Notes	Topic/Objective: TEKS 8.2(B)		Name:		
¥	Approximating the value of irrational numbers		Class/Period:		
			Date:		
Essential Question: How do I approximate the value of irrational numbers and place them on a number line?					
Questions:		Notes:			
		Irrational numbers be written as fractions.			
		In decimal form, irrational numbers do not or .			
	To estimate the value of an irrational number, find the two irrational number is between. Then, figure out which perfect square it is closer to. A perfect square is a number that has a whole number square root $a_{1}\sqrt{115}$ ; between and				
		b. $\sqrt{73}$ : between and c. $\sqrt{200}$ : between and			
		In each blank, record the appropriate letter from location of the irrational number. A  B  C  D  E  F $4  4  9  10  11  12$	the number line that shows the approximate ►		
		Locate and label the points on the number line by number. $\begin{array}{c c} \hline & & \\ \hline \hline & & \\ \hline \hline \\ \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \hline \\ \hline \hline$	y estimating the value of the irrational $C\sqrt{110}$		

	The of a square is written with squared units. It is found by the		
	measure of the side lengths.		
	The	of a square is written with units to the first power. It is found	
	by taking the	of the <b>area</b> .	
	For each square below, write an expression using a square root to estimate the side length.		
	16 units <sup>2</sup>	65 units <sup>2</sup>	
	220 units <sup>2</sup>	83 units <sup>2</sup>	
Summary:			