SEMINAR 3 Application Activity

Select three cell phone plans from any of the major carriers (eg: AT&T, Verizon, Sprint, Cricket, etc.). **You must choose plans that do not have unlimited values for talk, text, etc.** Using that information, create a word document to answer the following questions:

1. Create a chart that has the following information for each of the three selected carriers: cost per month, base number of minutes, additional cost per minute (overage) (3 points)
2. Using the information from the chart you created, write the total monthly cost, *C*, in terms of *m* minutes for each of the three carriers (3 points)
3. Select **two** of the three identified plans and calculate how many minutes it will take for the cost of the **two** plans to be the same. Show all work. (4 points)
4. Now compare all three plans and determine if one plan is a better deal than the other two. Support your answer mathematically. (5 points)
5. Which plan would you choose and why? Support your answer mathematically (5 points)