

Written Problem 1

It is the end of fall term. You and your classmates are very busy and stressed over finals. Your Math 1 teacher has passed out a “study guide” for the final. This study guide does not contain any practice problems, solutions, definitions, page numbers, sections, notes or anything that seems helpful. The “study guide” is just a long list of words. Because you and your friends are so busy, you each decide to take one of the terms overnight and report back your findings the next day. The term you have is TANGENT LINES. The next day comes but there is no time to meet. You must write up everything you’ve learned and slip a copy under each of your friends’ doors. Include **all** relevant definitions, a possible test problem and solution, and a little bit about why it is important. Remember how unhelpful the long list of terms was, make your write up readable and helpful, like a story.