

**Problem Set 1****Calculus 1****Due 9/4/15**

You are encouraged to work in groups of two to four on this assignment and make a single group submission. 10 points are possible.

You're a product research team assigned to deconstruct a competing company's external packaging. Produce a report giving the amount of material used, based on the dimensions of the box, with the expectation that your competing product might vary the dimensions somewhat but maintain the same style of package (overlaps, tabs, and so forth). This will be seen by top executives, so make it look polished, but don't exceed a single page.

