Take-home Quiz - Due Thursday, Dec. 20	Calculus I – Fall '14
To receive credit you MUST SHOW ALL YOUR W	ORK.
1. A rectangular container with square base and open to dimensions of the container with the greatest volume.	p is to be made from $1200~{\rm ft}^2$ of material. Find the
2. You are (unjustly) sent to jail. The prison is a tall buil from the building. Your buddies are organizing an escape for shortest ladder that will pass over the fence, touch the group	or you. The main tool is a straight ladder. What is the

Name: _____

Panther ID: _____