"QUIZ" for Lecture 11

NAME: (print!) _____ **Section:** _____

E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q11FirstLast.pdf) ASAP BUT NO LATER THAN Oct. 12, 8:00pm

1. Use Largange multipliers (no credit for other methods) to find the largest value that $x + y + z$ can be, given that $xyz = 125$

2. Use Largange multipliers (no credit for other methods) to find the largest value that xyz can be, given that $x + y + z = 15$