## "QUIZ" for Lecture 11

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## 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