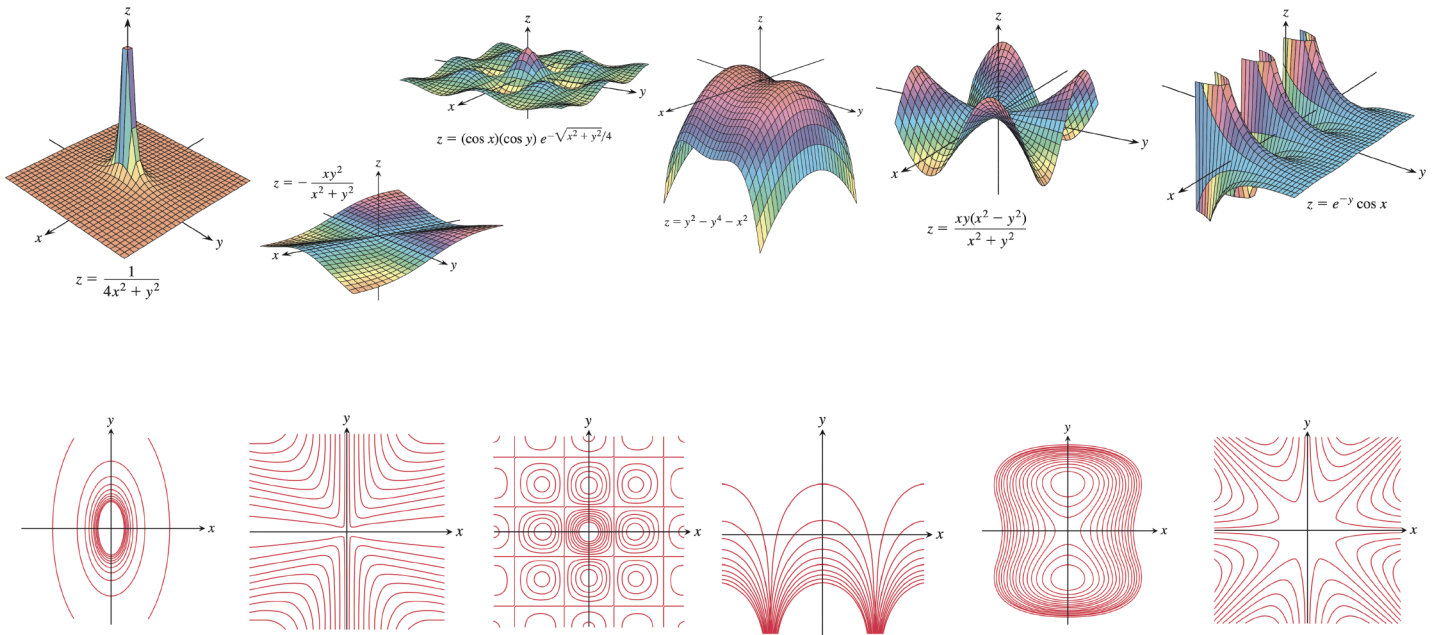


Full name: _____ GT ID: _____ Sec: _____

Quiz 3 Version D

You have 15 minutes to take the quiz. No phones, notes, or use aids of any kind is permitted.

1. (3 points) Draw a line connecting the 3D-graph with its level-curves plot. [A]



2. (6 points) [Limits and Continuity]

Determine if the limit exists or not. If it does, evaluate the limit, and otherwise show that the limit does not exist with full justification. [AJN]

$$\lim_{(x,y) \rightarrow (2,2)} \frac{x + y - 4}{\sqrt{x + y} - 2}$$