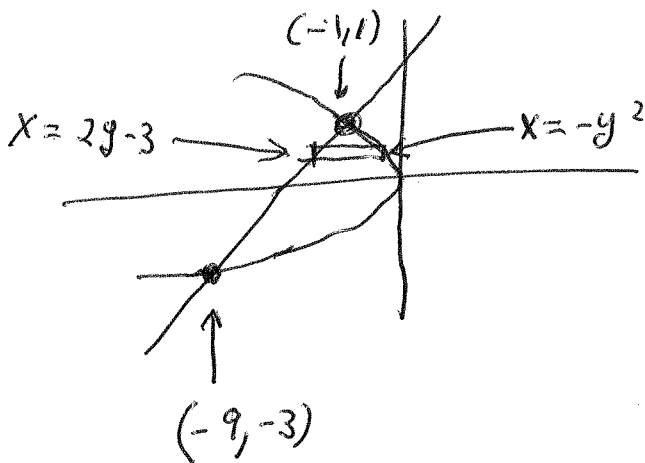
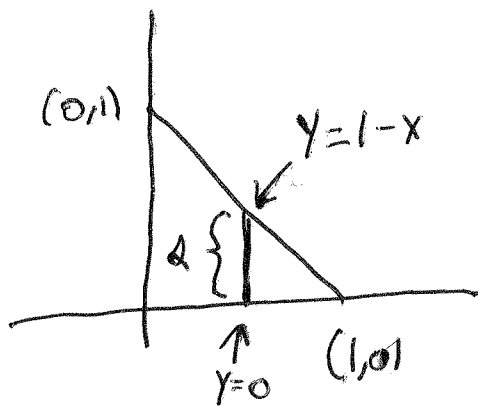


①



Exam 2 Fall 2013
Math 142

②



The cross section of the solid above the indicated slice looks like



where $\Delta x = dx$ and $\Delta = 1 - x$

④

