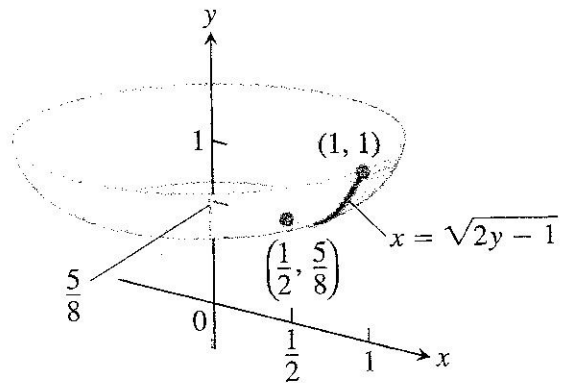


PROBLEM 4\* Find the area of the surface generated by revolving the curve

$$x = \sqrt{2y - 1}, \quad 5/8 \leq y \leq 1$$

about the  $y$ -axis. (Show all your work - present your solution fully.)



See Quiz 3 Problem 2