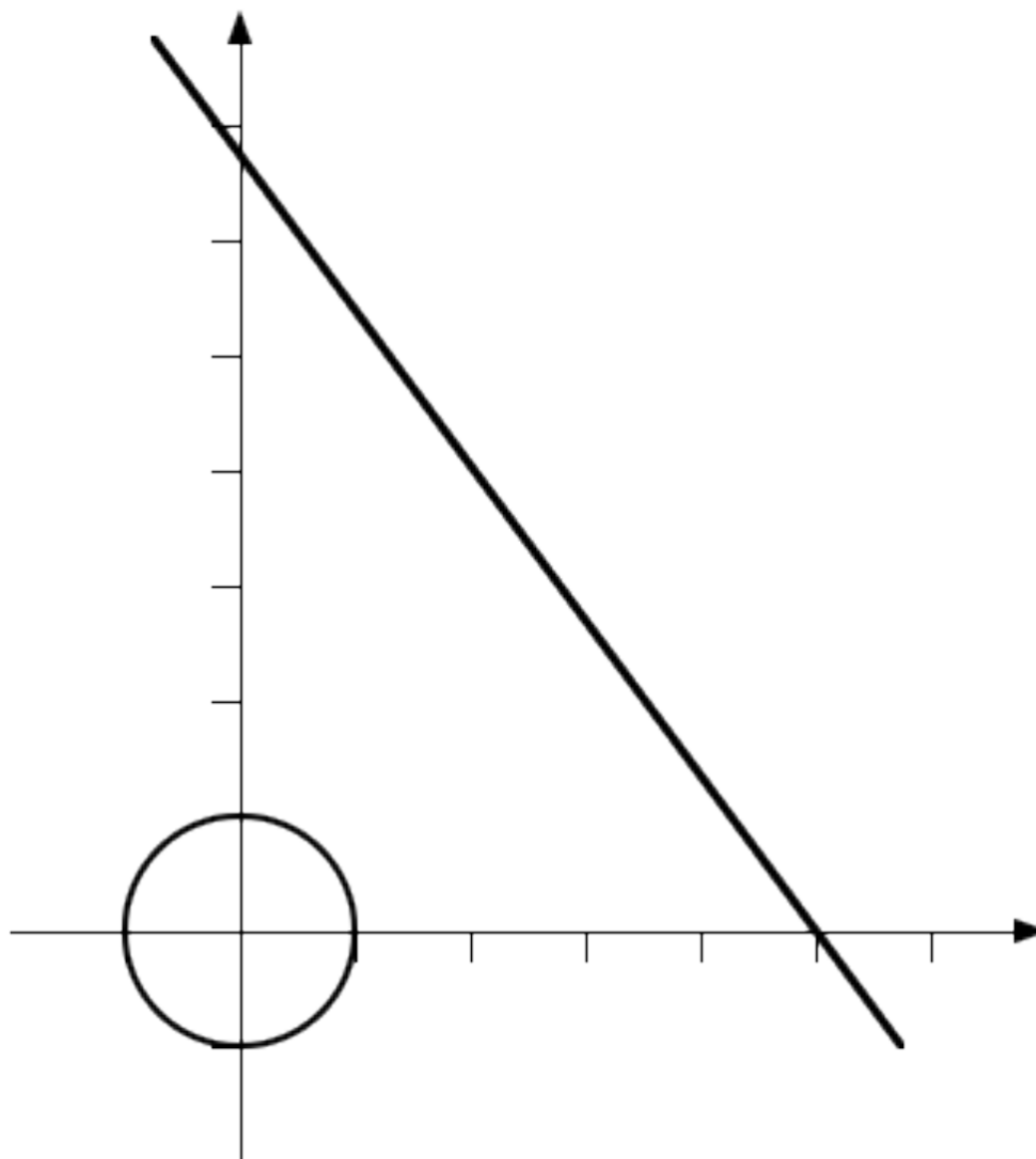


Mathematics 1101Y – Calculus I: functions and calculus of one variable  
TRENT UNIVERSITY, 2010–2011

Assignment #8

Have we solid out the revolution?

*Due on Friday, 4 February, 2011.*



1. Find the volume of the solid obtained by revolving the circle  $x^2 + y^2 = 1$  about the straight line  $y = -\frac{4}{3}x + \frac{20}{3}$ . [10]