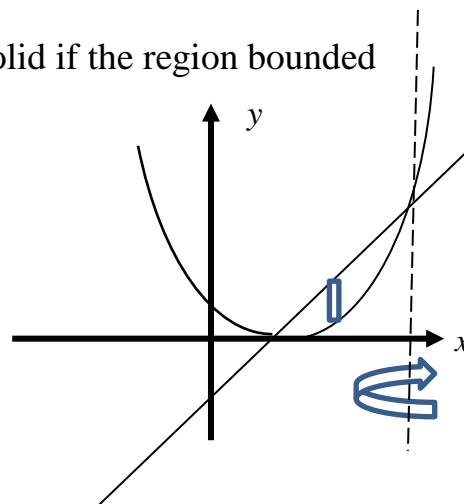
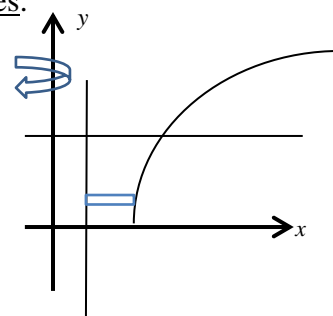


SET UP the definite integral(s) to find the volume of the solid if the region bounded by $y = x - 1$ and $y = x^2 - 2x + 1$ are rotated about the line $x = 2$ using vertical rectangles.



SET UP the integral to find the volume of the solid generated by rotating the region bounded by the graphs of $y = \sqrt{x - 2}$, $x = 1$, $y = 0$, and $y = 3$ about the y -axis using horizontal rectangles.



Happy Groundhog's Day!

