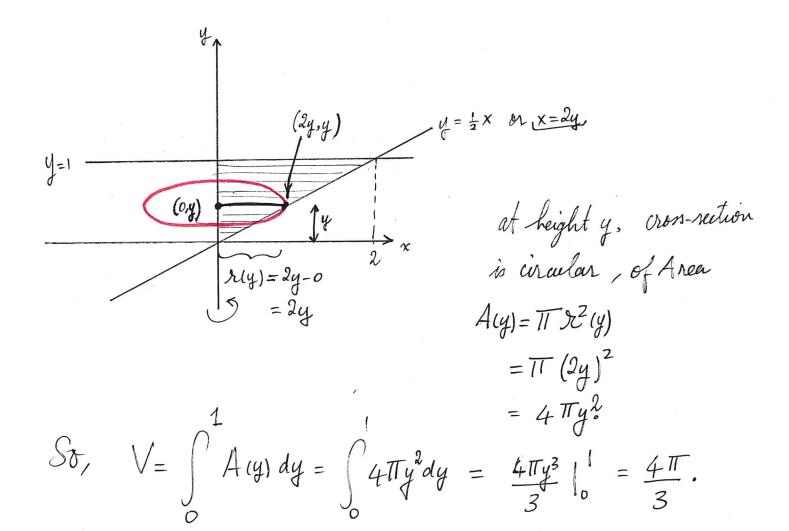
l) Determine the volume of the solid obtained by rotating the region bounded by $y=\frac{1}{2}x, x=0$ and y=1 about the y-axis.



2) Set up the integral, but do not solve: Determine the volume of the solid bounded by rotating the region bounded by $y = x^2$ and $y = x^3$ about the y-axis.

