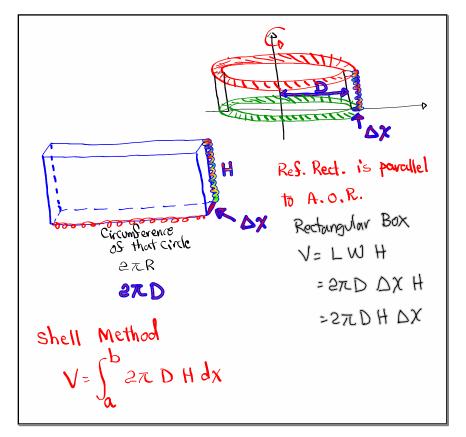
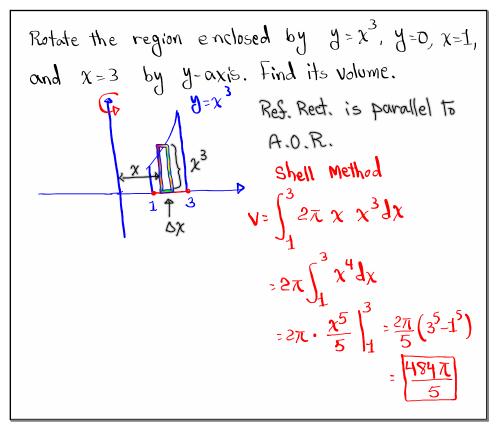
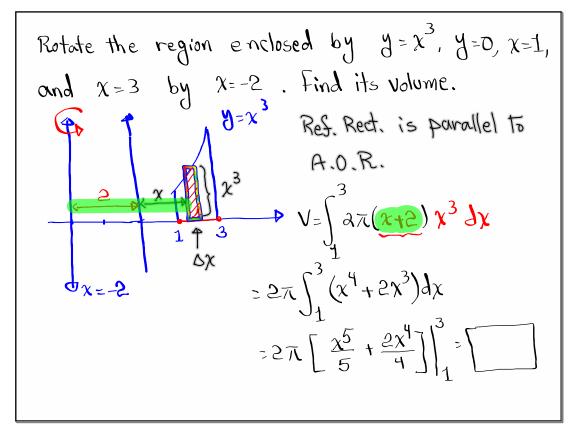


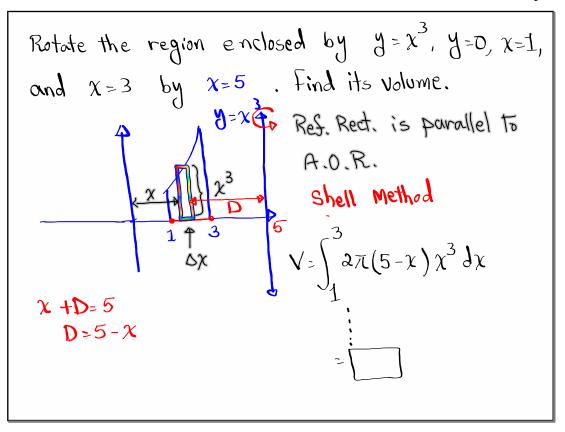
Feb 19-8:47 AM





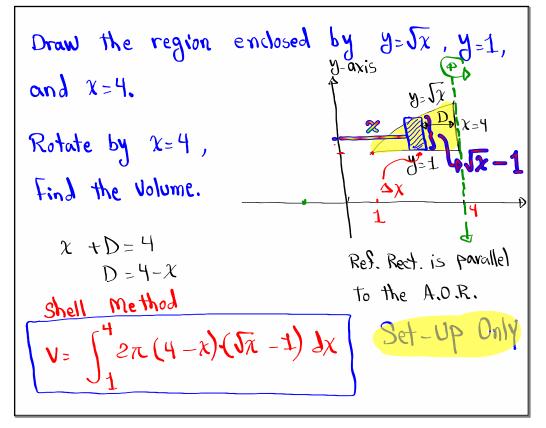
May 23-8:57 AM



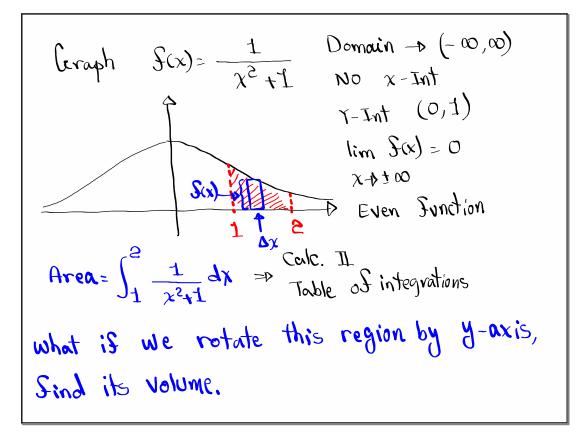


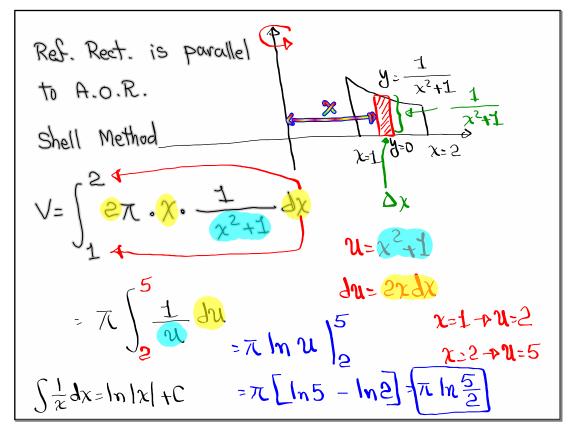
May 23-8:57 AM

Draw the region enclosed by
$$y=Jx$$
, $y=1$,
and $x=4$.
Rotate by $x=-1$,
Find the volume.
 $D=x+1$
 $H=Jx-1$
Shell 4
 $v=\int_{1}^{2}\pi(x+1)(Jx-1)dx$
 $=2\pi\left[\frac{x^{5/2}}{5/2}-\frac{x^2}{2}+\frac{x^{3/2}}{3/2}-x\right]_{1}^{4}=$

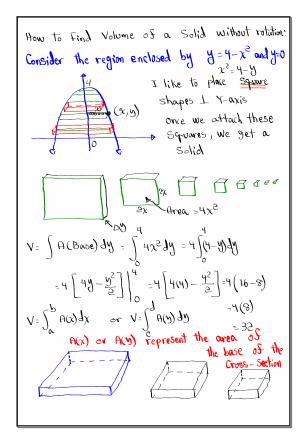


May 23-9:12 AM





May 23-9:32 AM



May 23-9:39 AM