

1) Rotate I about CD (42-2x) dx

2) Rotate I about AD
$$\int_0^{\pi} \pi(2\pi)^2 dx = \int_0^{\pi} \pi(\frac{1}{2}s)^2 ds$$

3) Rotale I about X=-1

- 4) Rotate II about BC SSLAW ADA STORY S# (2 2 y) (1, Ny) 2 dy
- 5) Rotate II about CD
- Sin (4-2)2-(4-2x)27 dx
- () Rotate II about X=4
- \[\frac{4}{\pi} \left[(4-\frac{1}{2}\gamma)^2 (4-\gamma')^2 \right] dy
- 7) Postate II about AB
 - $\int_{a}^{2} \pi \left(\left(\chi^{2} \right)^{2} \right) dx$
- 8) Rotale III about BC
- Sin (2-4") 2 dy
- 9) Rotate III about CD
- S = π [42 (4-x2)2] dx
- W) Rotate I and II about
- X=-2 [7 TI (-2-5/12) 2- (-2)2) dy