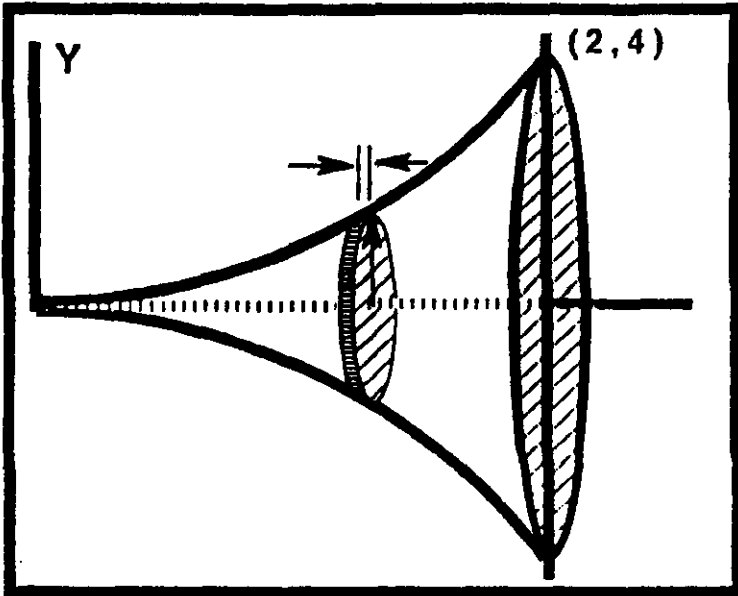


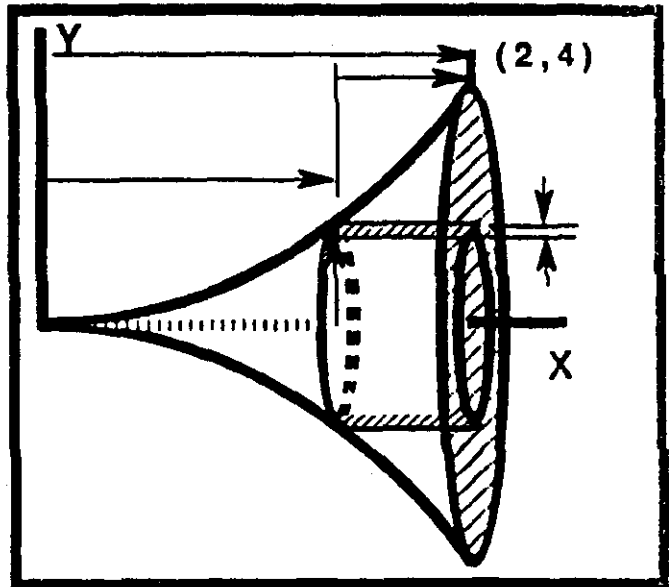
VOLUMES OF REVOLUTION

$Y = X^2, Y = 0, X = 2$; ABOUT X-AXIS

1.

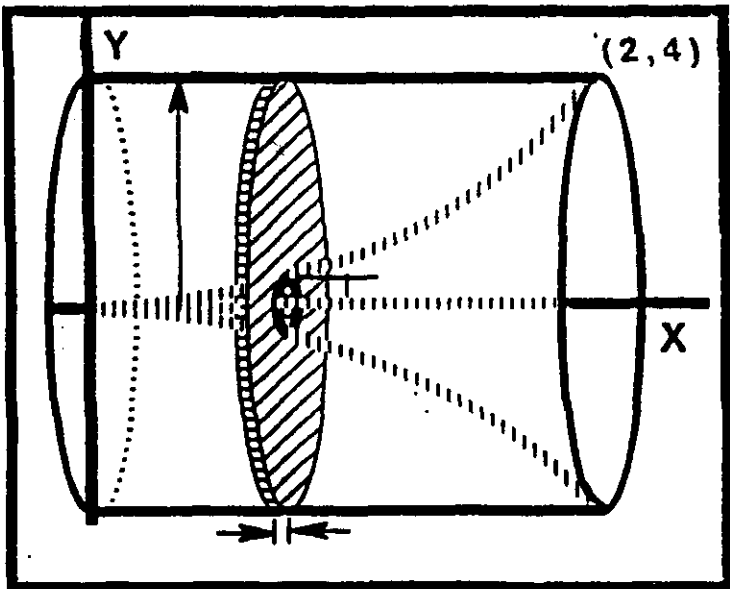


2.

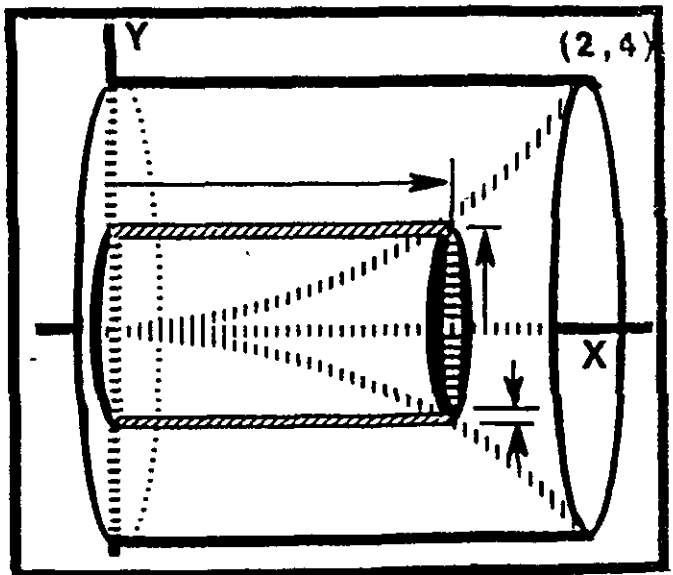


$Y = X^2, Y = 4, X = 0$; ABOUT X-AXIS

3.



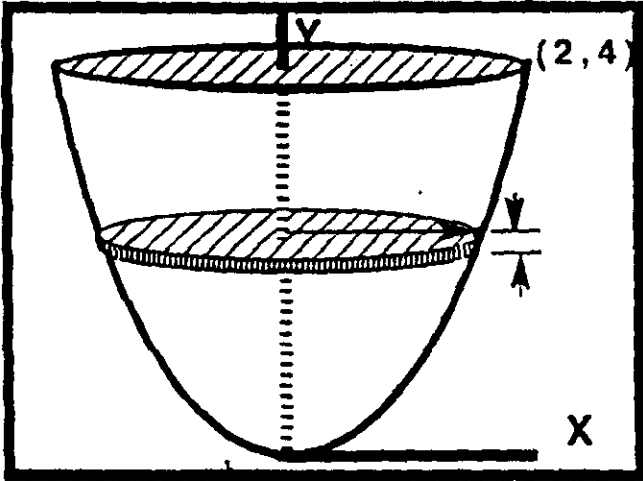
4.



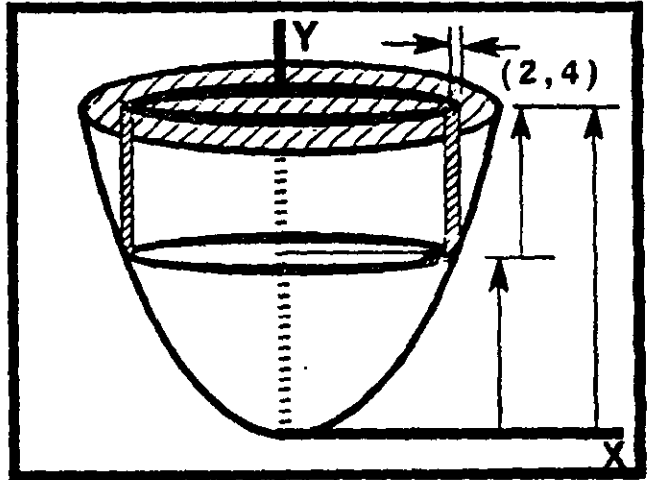
VOLUMES OF REVOLUTION

$Y = X^2, X = 0, Y = 4; \text{ ABOUT } Y\text{-AXIS}$

5.

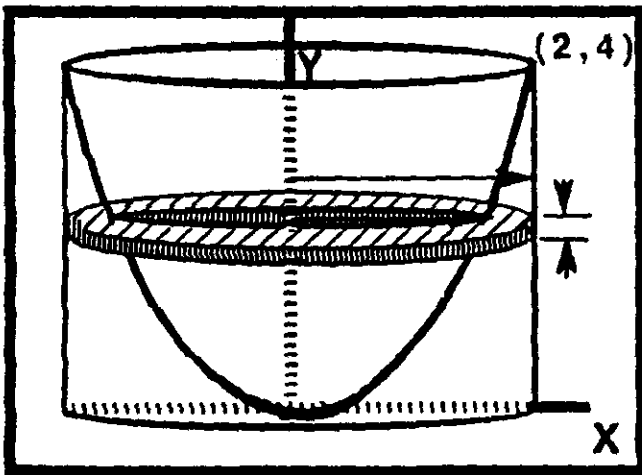


6.

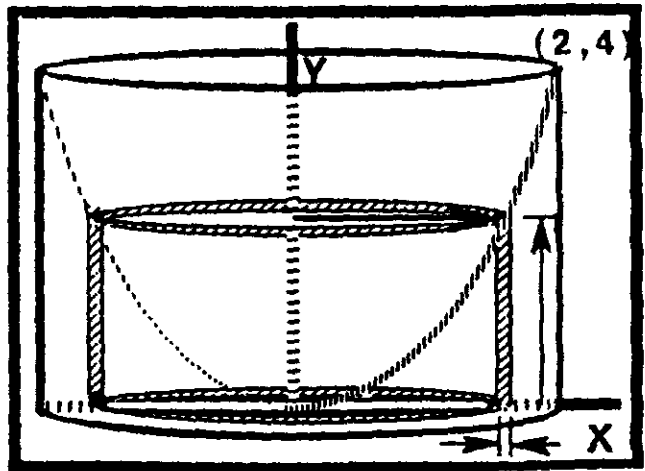


$Y = X^2, Y = 0, X = 2; \text{ ABOUT } Y\text{-AXIS}$

7.



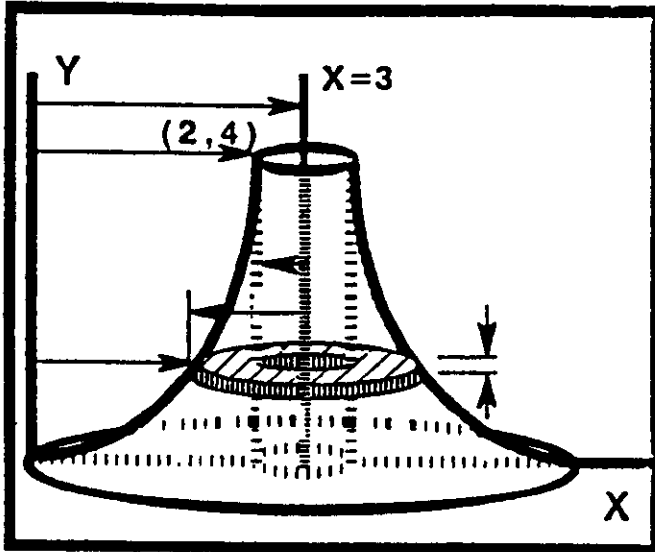
8.



VOLUMES OF REVOLUTION

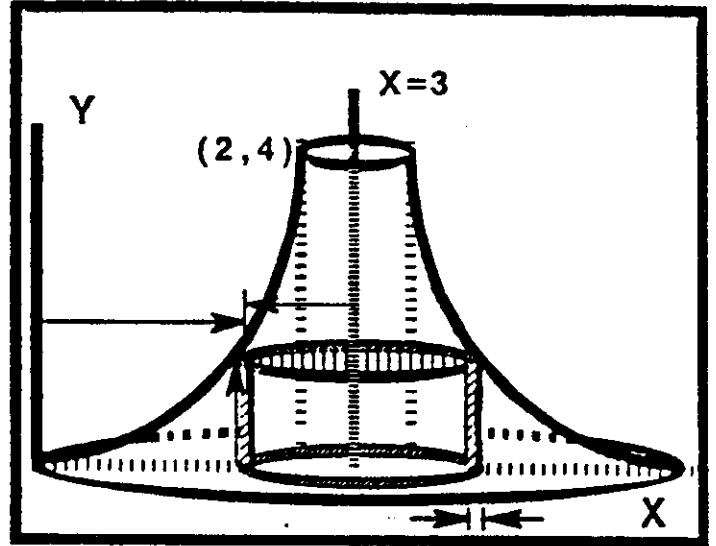
$$Y = X^2, Y = 0, X = 2; \text{ ABOUT } X = 3$$

9.



$$dV = (\text{Area})(\text{thickness})$$

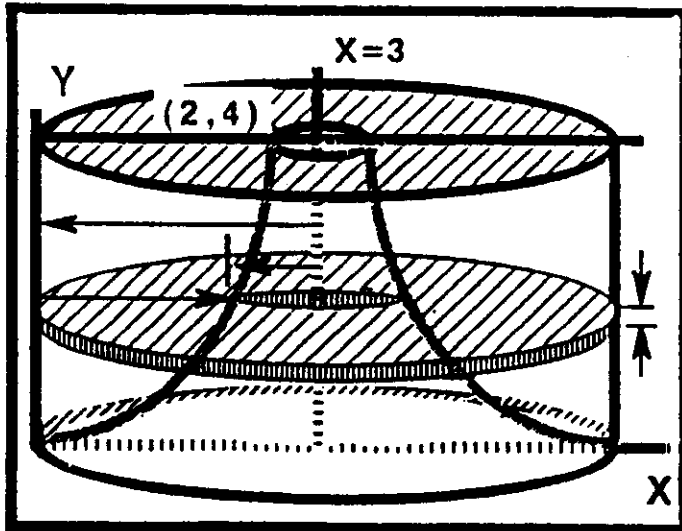
10.



$$dV = (\text{Area})(\text{thickness})$$

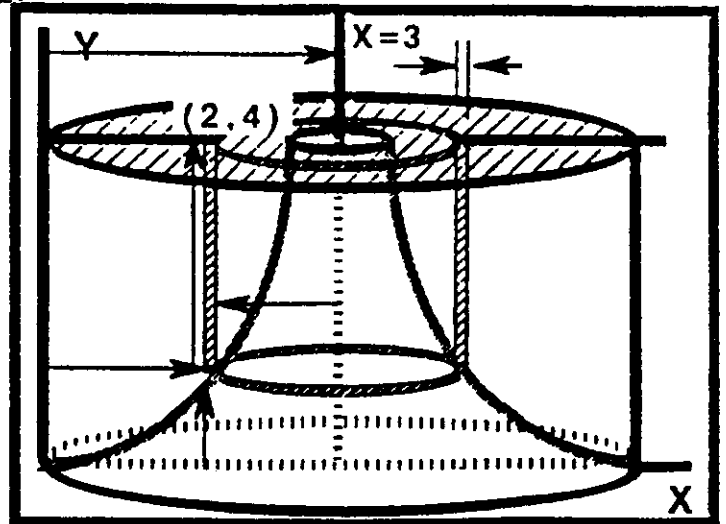
$$Y = X^2, X = 0, Y = 4; \text{ ABOUT } X = 3$$

11.



$$dV = (\text{Area})(\text{thickness})$$

12.



$$dV = (\text{Area})(\text{thickness})$$