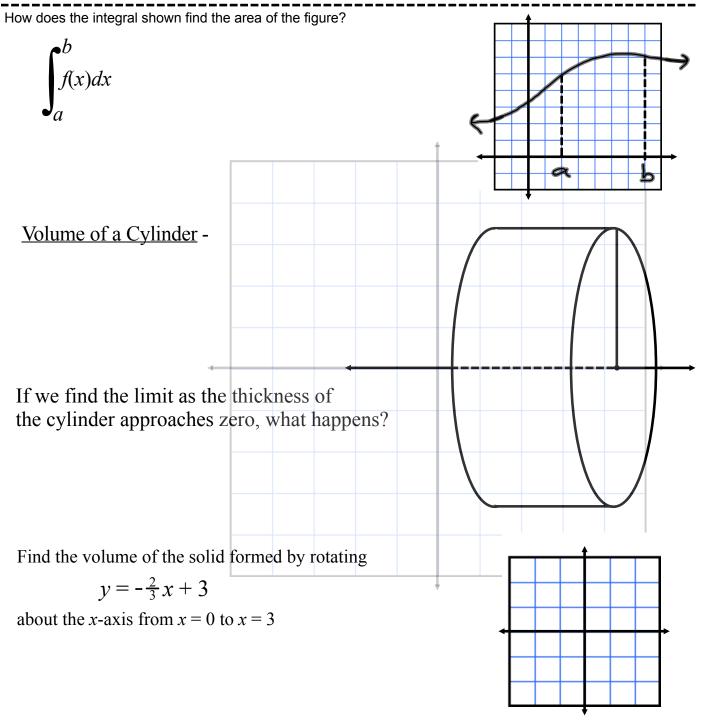
## Calculus AB

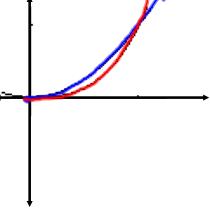
7-2

## Volumes of Rotation: The Disk Method



Set up and evaluate the integral that gives the volume of the solid formed by revolving the region about the x - axis.

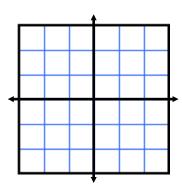
\*) 
$$y = x^2 *$$
  
 $y = x^3 *$ 



Find the volume of the solid formed by rotating

$$y = -\frac{2}{3}x + 3$$

about the *x*-axis from x = 0 to x = 3



Assignment: pg 465 1-17 odd