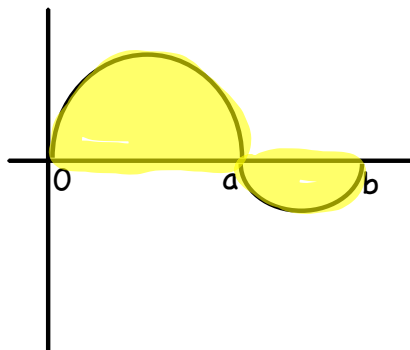


5.4 day 3

Total Area

Ex 1) Find the total area between  $f(x)$  and the x-axis.  
 $f(x) = 2 - x$   $[0, 3]$

Ex 2) Find the area enclosed between the  $f(x) = 1 - |x|$   
and  $f(x) = x^2 - 1$ .

Ex 4) Find the total area of the region between the curve  
and the x-axis if  $f(x) = 3x^2 - 3$ ,  $[-2, 2]$ .