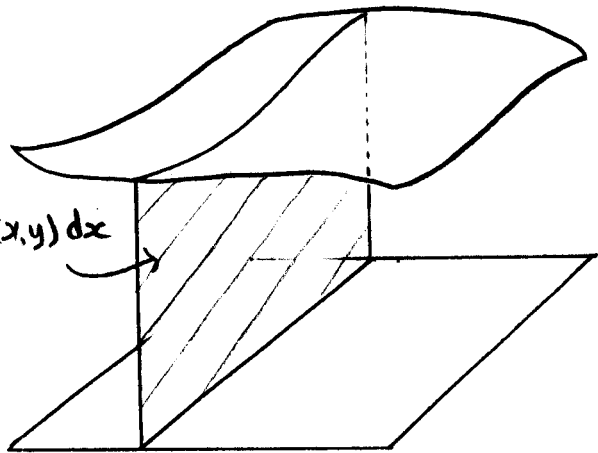


$$\text{Area} = I(y) = \int_a^b f(x, y) dx$$



Slice with  $y$  fixed