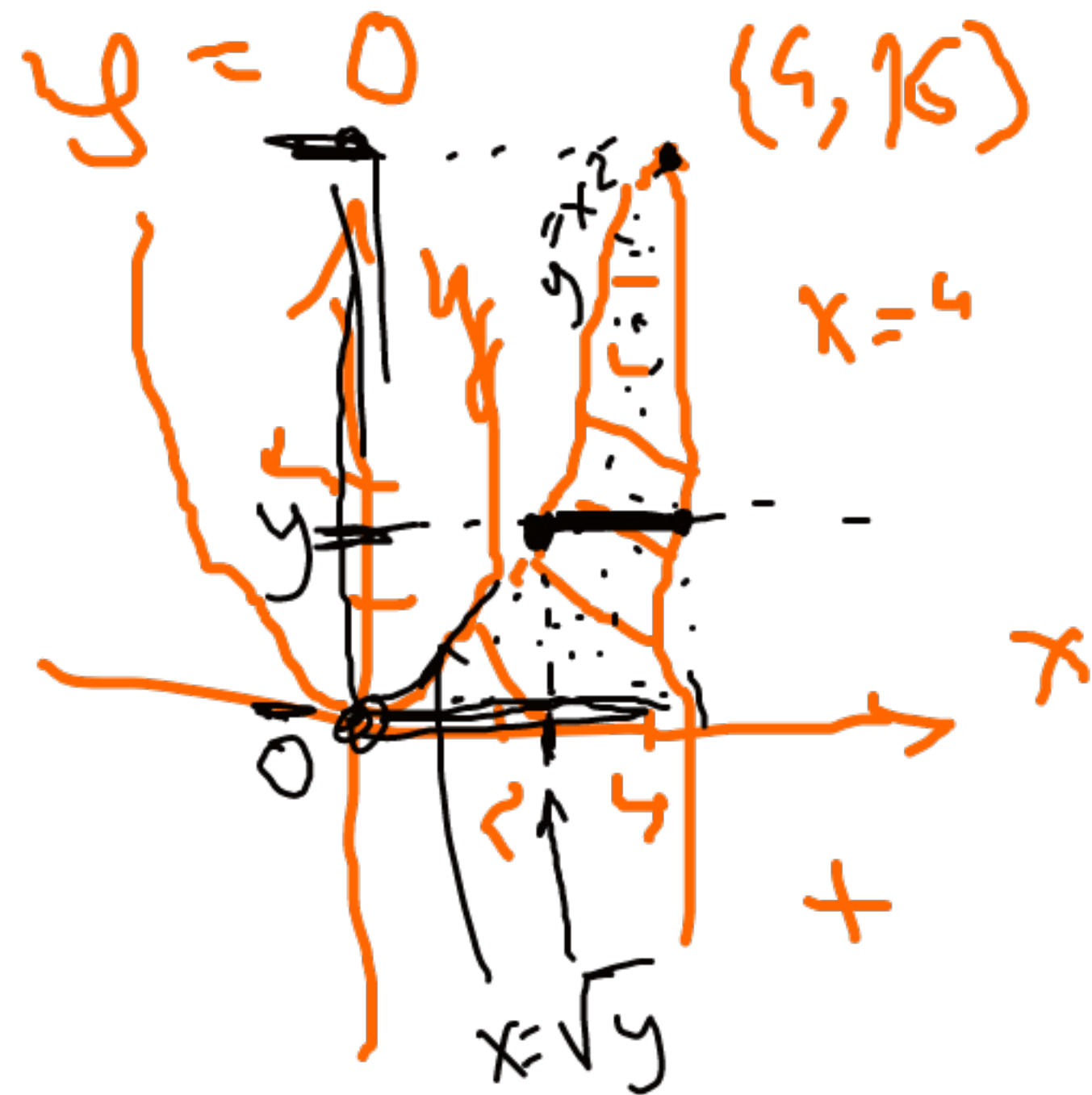


$$\int_0^4 dx \int_0^{x^2} \frac{y^3}{4-\sqrt{y}} dy$$

$x=4$
 $x=0$
 $y=x^2$



$\int_0^{16} dy \int_{\sqrt{y}}^4 \frac{y^3}{4-\sqrt{y}} dx$

$y=x^2$
 $x=\sqrt{y}$

$\frac{y^3}{4-\sqrt{y}}$