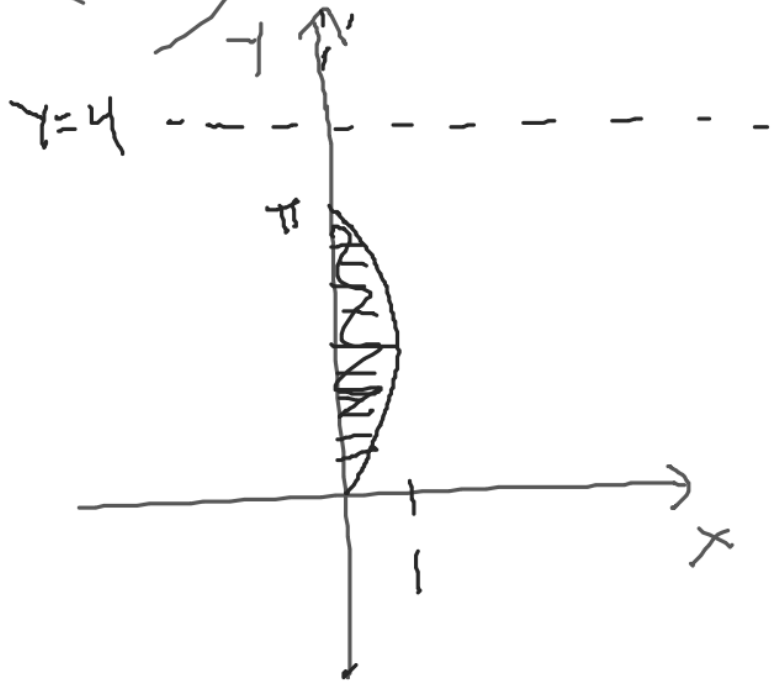


$$0 \leq y \leq \pi \quad x=0$$

(25)  $x = \sqrt{\sin y}$



$$\int_0^{\pi} 2\pi(4-y)\sqrt{\sin y} dy$$

$$y = \sqrt{\sin x}$$

