

$$\iint_D (2x - 3y + 2) dx dy$$

$$D: y=0, y=\pi, x=-1, x=\sin y$$

$$\int_0^\pi dy \int_{-1}^{\sin y} (2x - 3y + 2) dx$$

~~0~~ ~~$\frac{\pi}{2}$~~ ~~0~~

-1

$$x = \sin y$$

