$$+ \quad \times$$

$$- \quad \div$$

1) $I = \int_0^{\frac{\pi}{2}} \sin(2x)\,dx$

$= -\frac{1}{2}\cos(2x)\Big|_0^{\pi/2}$

$= -\frac{1}{2}\left[\underbrace{\cos(2\pi)}_{1} - \underbrace{\cos(0)}_{1}\right]$

$= -\frac{1}{2}\cdot 0 = \boxed{0}$

2) $\int_0^{\frac{\pi}{2}} \cos(2x)\,dx$

$= \frac{1}{2}\sin 2x\Big|_0^{\pi/2}$

$= \frac{1}{2}\left[\sin(2\pi) - \sin(0)\right]$

$= \frac{1}{2}\cdot 0 = \boxed{0}$

Writing here is certainly not a horrible experience. I could imagine worse experiences for sure. However, it is not Apple Note quality. That is what I am used to, so I do not really like this. It is something — that is for sure. The writing is tolerable. The maths... less so. That just is not good and it does not seem to be worth paying for really. I am not sure though. I am not a fan. Nothing personal of course. Just does not seem to be my thing currently.