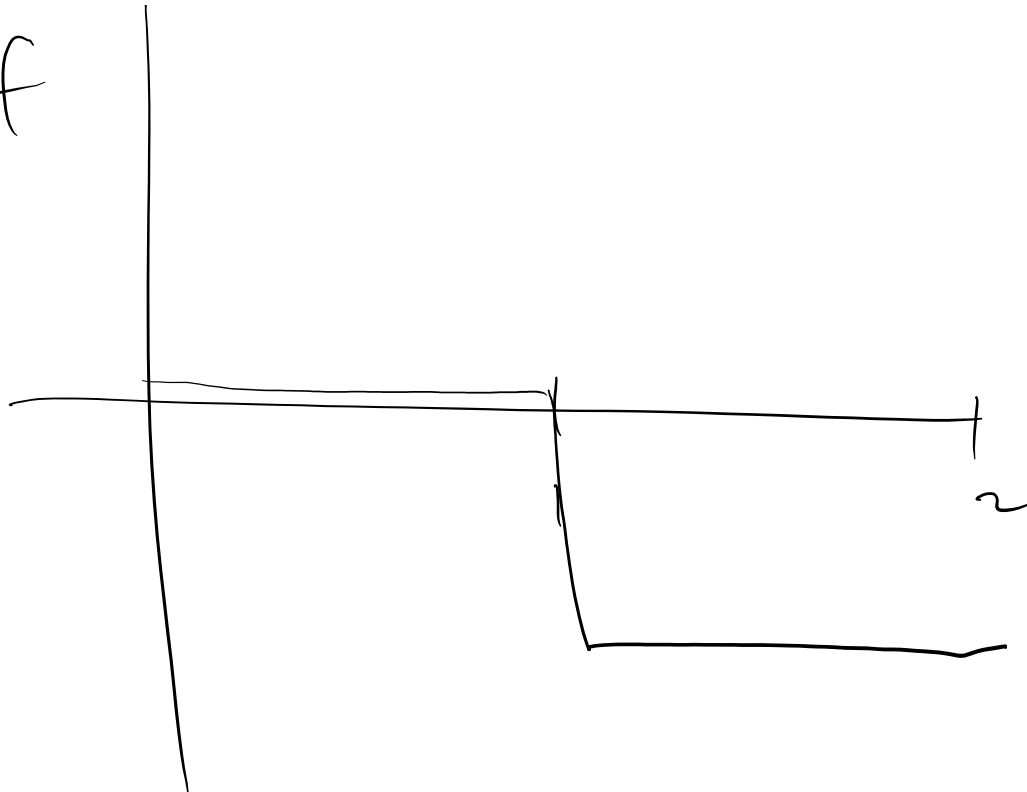


$$\int \sin(ax) dx = -\frac{1}{a} \cos ax$$

$$\begin{aligned} \int \sin\left(\frac{\pi}{12}t\right) dt &= -\frac{1}{\frac{\pi}{12}} \cos\left(\frac{\pi}{12}t\right) \\ &= -\frac{12}{\pi} \cos\left(\frac{\pi}{12}t\right) \end{aligned}$$

57

f



(76) average velocity = $\frac{Df}{Dt}$ (C)

(77) $\sin\left(\frac{1}{x^2+t_1}\right) \Big|_1^2 = \sin\left(\frac{1}{5}\right) - \sin\left(\frac{1}{2}\right)$

(A)