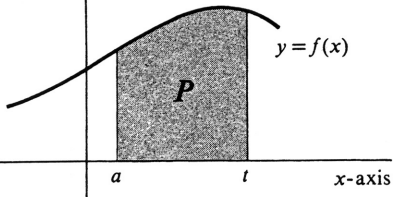


y-axis

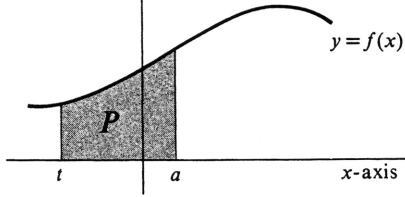
$$F(t) = \int_a^t f(x) dx \\ = \text{area}(P)$$



(a)

y-axis

$$F(t) = \int_a^t f(x) dx \\ = -\text{area}(P)$$



(b)