





Il A Runction & is said to be integrable on a finite assed interval [0,6] if the limit MOX DXX = F(XK') DXX exists and does not depend on the choice of partitions or an the Choice of the points xx in the subinterval whom this is the case we denote the limit by the symbol Jo Plalda = Ilm & F(xx) DXK which I collab the definate integral of Fraom a to b. The number o and b are called the lower limit at integrals and the upper limit of unegran. E(x) is colled the integral e Pat one: If f is continue on an interval Ea, b] and F is any anti-derivative then Soft)dx = F(A)-F(B) for two: If f is contained on on interval, f his a contraderate on their menal in particular if a any point inthe intervention the funct of adread by That is F'(x) = f(x), for each x on the intended dx So Flydy = F(X)



