otherwise Fax,y=0 Variables are independent when: Fax,y = Fax FCy $F(\infty) = \int_{\alpha}^{1} F(\alpha, y) dy$ $= 2y |_{\alpha}^{1}$ = 20x - 2FCy = 5. f(x,y)dx

 $(2\alpha-2)(2y) \neq 2$ F(a,y) 7 F(a) F(y) a ord y one not independent