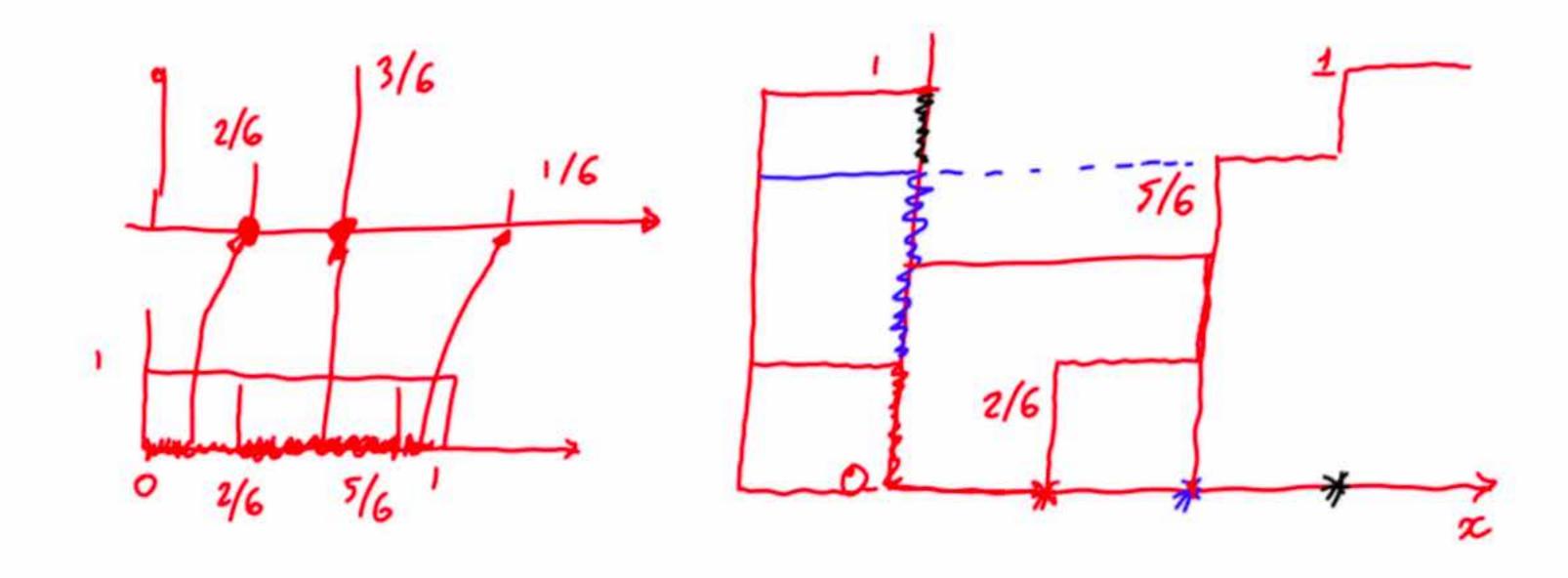
Simulation: Generate sample of X with given CDF $F_X(\cdot)$



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 Assume F_X is strictly monotonic continuous Fx (c) XSC (=> USF, Co) P(x sc) = P(U = Fx (c)) = Fx (c) $u = 1 - e^{-x} = e^{-x} = 1 - u$ -x = log(1-u) x = -log(1-u)x = -log(1-u)X : Exp(1)