Date \_\_/\_\_/

P(Y=0) = P(Y=0| X=0) P(X=0) + P(Y=0|X=0) P(X=0) = P(X=0) P(X=0) + P(X=0) P(X=0)

= 0.75 x0.5 + 0.35 x 0.5

2 0.55

P(Y=1) = 1- P(Y=0) = 0.455

P(Y=y|X=x) - P(X=x), Y=y) = P(X=y|X=y)P(x=n) P(x=n)

>> P(Y=0 | X=0) = PO-7570-5 0.75805

P(Y=1/x=0) = 0.35x05

P(Y=0(X=1) = 0.35 x0.5

P (Y=1/X=1) = 0.65 x0.5