Quiz 2 Victor kim 1954607 X, Y P(Y=0|X=1) = P(Y=0)P(X=4Y=0)0.6 = Q.3 P(x=1/Y=0) P(x=1|y=0)=2= P(x=1)P(Y=0|x=1)-2 = P(x=1) 0.2P(x=1)=1-0.6=0.4 (0.1) P(Y=2|x=1)=P(Y=2)P(x=1|Y=2) $V(w) = 8 - 2^{2}V(x) + 1^{2}V(y) P(y=2) = 1 - 0.3 - 0.4$ V(x) = 0.0.6 + 1.0.4 = 0.4V(Y)=0.0.3+1.0.4+2.0.3=1 V(w) = 8-4(04)+1