QUESTION If p(A) = 0.2, p(B) = 0.4 and p(A or B) = 0.5, what is p(A and B)? ANSWER p(A or B) = p(A) + p(B) - p(A and B). Therefore p(A and B) = 0.2 + 0.4 - 0.5 = 0.1