

Problem 143

L: liability claim

$$p(L) = .04$$

P: property claim

$$p(P) = .1$$

$$p(L \cap P^c) = .01$$

$$p(P \cup L) = p(P) + p(L \cap P^c)$$
$$= .10 + .01 = .11$$

$$p(L^c \cap P^c) = 1 - p(P \cup L)$$

$$= 1 - .11 = \underline{\underline{.89}}$$

E

