P(PA) = 0.3 $\rho(B)$ = 0.7

(a) No, we could though if P(A) of P(B) are independent

(b) is P(A of B) = 0.3 (0.7) = 0.21

(iii) P(A) or B) = 1 - 0.21

(iii) P(A)(B) = P(A of B)

(iv) P(B)(B) = 0.333

(3) No. 8.18 tell into this category

(b) p(sometime choosen believes the earth is warring, (of theyre Uberrel) = P(A) + P(B) - P(A of B)

2 bood + 0.20 - 0.18

(c) P(believes earth is warring, (given he is liberrel) = 0.18/0.20 = 0.19

(d) P(believes earth is warring, (given he is liberrel) = 0.18/0.20 = 0.19

(e) P(believes earth is warring, (given he is republican) = 0.11/0.33 = 0.3

f) phrendomly chosen is moderate 1 Lib Republican given that he doesn't believe the earth

e) no -> then c & a would be the same

15 warming) -> 0.06/0.84 = 0.18