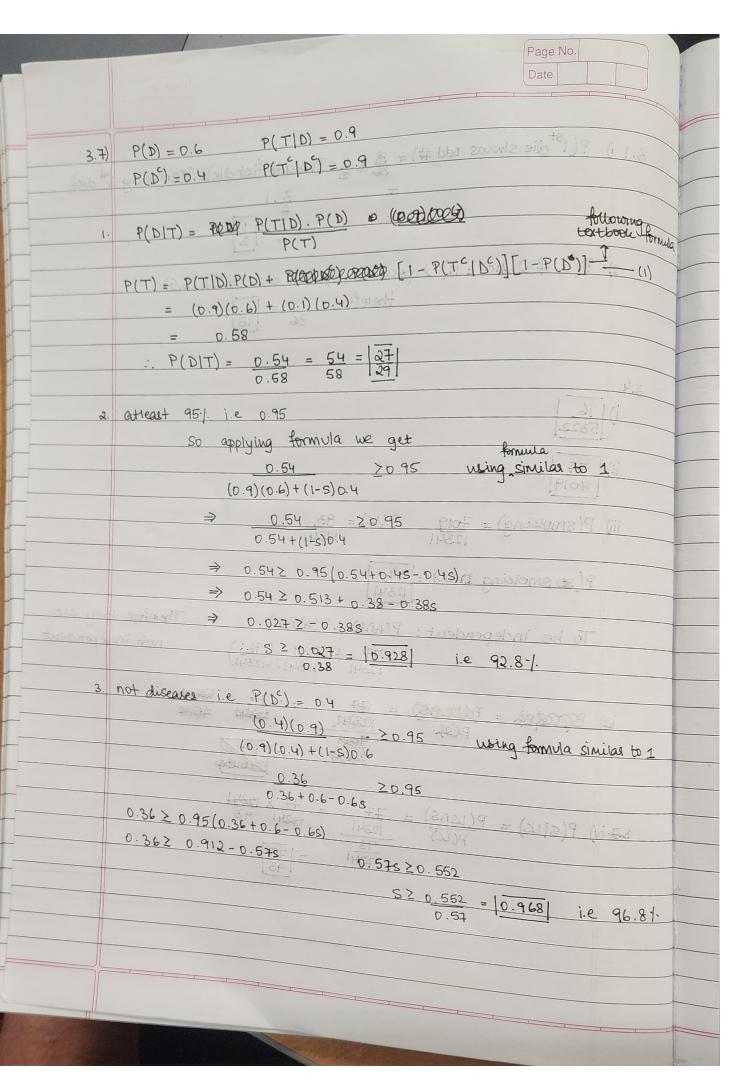
3.1 ) P(1st die shows add #) = 18 pods P(add # first die). P(arything 2th die) 2) P(E of 2 dice=11) > possible options are (5,6) & (6,5) 3.4 7019 iii) P(smoking) = 7019 P(LC) = 93 P( so smoking 12 LC) = 77 To be independent: P(ANB) = P(A)P(B) Therefore they eve 77 \$ (7019 \(\frac{93}{12341}\) not independent in Board = Papenes 1023/82 POR - O A CO 34in) P(S/LC) = P(LCNS)
P(LC) 77 77 x 12341 42841 93 12341 93 12341



1) P(Success () open) .=) 273 700 2) Plopen surgery) => 350 700 3) P(success lopen) => => P(success nopen) => 273 P (open) 350 4) You can compare the conditional probability of success given an open surgery and small incision :. P (success | open) => 273 350 Similarly P (success incision) >> P (success ) incision) P(incission) -> 289 350 .