A bus has 40 people on it. 28 are students and 20 of the students have backpacks (the rest don't). The remaining people on the bus are not tot students, but 4 of them have backpacks. a) Fill the table below c) P(S∩B) = a) P(S) = Backpack No Backpack Total (B') (B) b)  $P(S' \cup B) = \frac{20}{3}$ Student (S) e)P(B|S') =Not Student (S') 40 Total c) P(S|B') =

