Start SR End \underline{B} Q \underline{ab} $\underline{ab$ * clarification about this Questin Solvel in Class answer should be fitted for Questin asking if.

A Storts or ends with BO, so we calculate:

O ways if its storts with BO.

O ways if its ends with BO.

O ways if its ends with BO. 3 ways if it Ends & Starts with BO. (2) Substract to delete the reapted ways "In-Common cases". * However the answer should be:beause starts and ends BNO N 26 x 26 x 26 x 26 x 26 x Bx 0 = 26 x.

Q8. In a quiz that has ten multiple choice questions, each with three possible choices. What is the minimum number of students that must be in the section in order to guarantee that at least three students have exactly the same answers to the quiz?
* of ways to solve the 10 Questions: 3
3×3×3×3×3×3×3×3×3=310
3 choices 3 choices
for Q1 for Q2
& Those would be the NO of boxes, so we
Con solve it as the answer key in
Morgen Solution or I can share with you a rules- No. Student vot
= 1) conallect integer [N] 7/-
Find the smallest integer [N] 71-1
N = K(r-1)+1
$=3^{10}(3-1)+1$

1 Answer sheet with Same Vulse

$$= 3^{10} \cdot 2 + 1$$
 $= 118099$