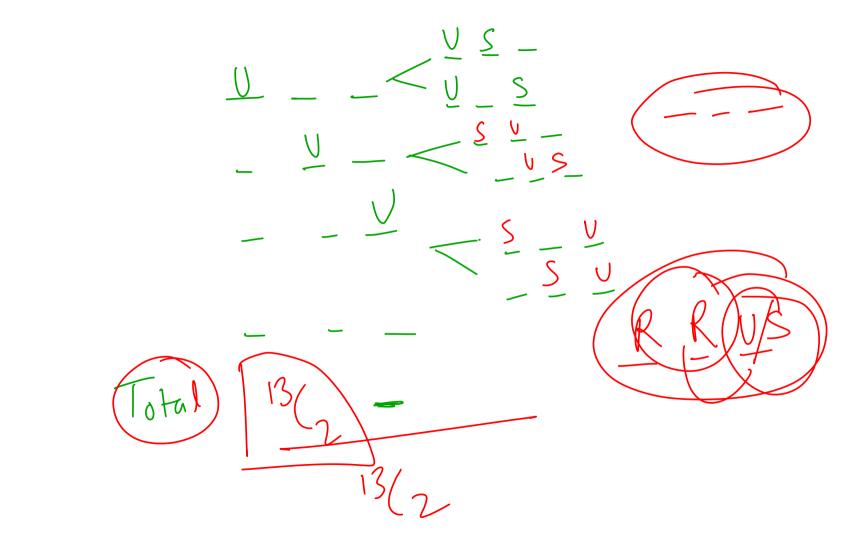
PROBLEM SOLVING

P & S

(1) Go Harrigh all Qs - Taluthar (2) Lectures Notes - Taluthar (3) 1 VI Question - Business Oriented Question.



S diag #3 SX 9 9 #2 2 X 5 - 9 t_ 3 26 +1 6 (48 こ И

$$\frac{5}{9} = \frac{9}{9} = 81$$

$$0x = 8$$

$$5x = 9$$

$$0x = 72$$

$$0x = 9$$

$$0x = 9$$

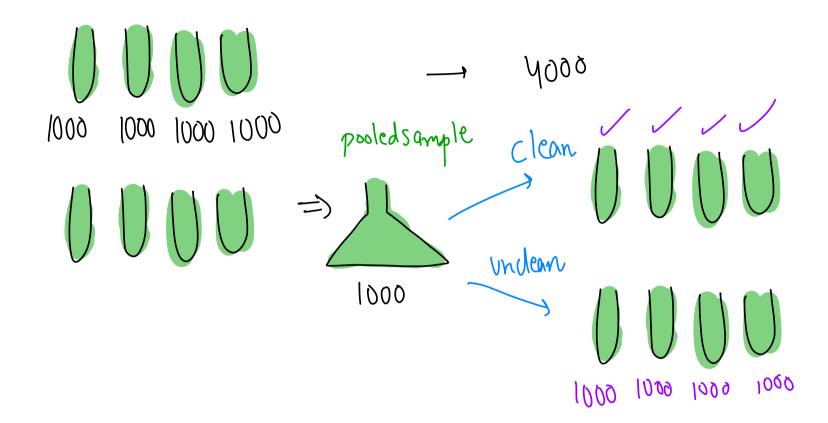
$$0x = 72$$

$$0x = 9$$

0-9(3X)

0-9 (2x)

Pooled Milk test A milk bank tests pooled sample tests of 4 people at a time. If clean, the bank stores all of them. If Unacceptable, then all 4 samples are tested individually, The probability of any sample being dirty is 0.1. Find the expected number of tests.	Amyl) = No
AMIL - Data Scientis)	
Teshing lasy -> 1000 Rs	DDO
4000 DOS → 10 Samples → 40000	
how much mony we savel . L	40000 x 1000 = 4(x ben



L. Stest Sundean 4 tests. X = No. of tests I need to perform. $X \qquad P[X]$ Binom pmf(n=4, k=0, p=0.1) -0.6561Binom pmf(n=4, k=\frac{1}{3}, p=0.1) |-binompmf(n=4) h=0, p=01

4 Samples -> 4 tests

40000 × 1000 → 4 G 23756 × 1000 → 2.37 G Source 1.66 G 4 605.9 Goves