2. Counting Problem

1) UNUSUAL

a. Unique subsets of 5 letters

case 1: 1. flxed.u: & W, ._.,

En, s, a, 13

case 5: 5 tixen in: 8 M' M' -1 -1 - } care 3: 3 tixed n. 8 n'n' n' - ' - 3 (5) = 6,

1+4+6: 11 unique subsets

P. 9144 BANNINGS DE 2 letters

1. W: 51 = 120.

2 u's: 5! x 4 subsets = 240

3 4's: $\frac{5!}{5!} \times 6$ subjets = 120

120 + 240 + 120 = [480 diff strings

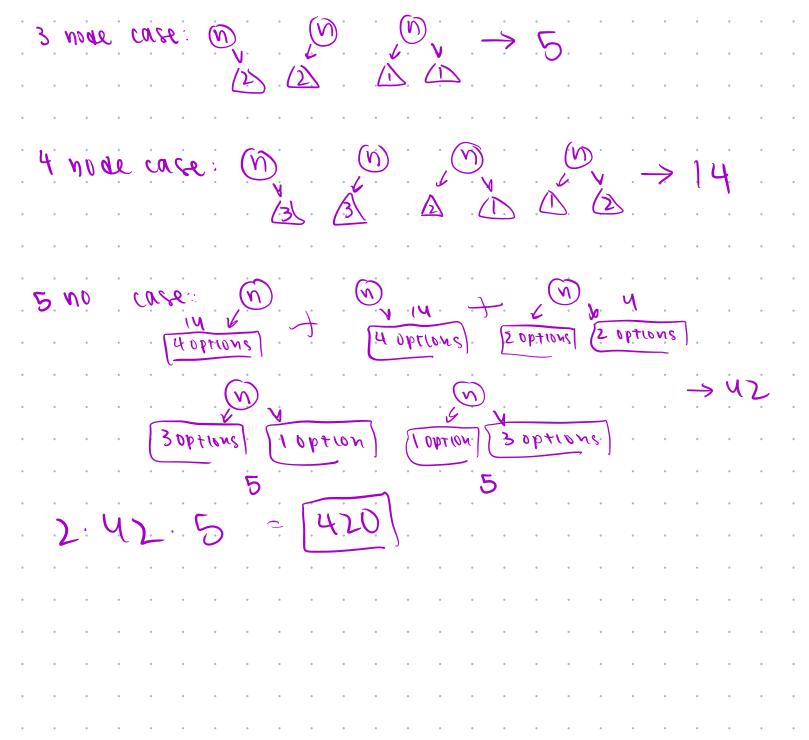
Case 1 - 0 songs: $\binom{21}{5}$ = 20349 = 35853

3) Stars and Bars carron(9) ** * * * * * * * *

· 16 · stavs ; 5 bars

5. waser case: 1 (1)





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