Math 61, Lec 1
Winter 2016
Quiz 3
Week 5

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Name (Sign): The L

Discussion Section:

Consider an alphabet $X = \{a, b\}$. How many strings in X^* of length 25 have exactly 4 occurrences of the letter a and have the property that there are at least 4 b's between any pair of a's?

CCK+t-1,t-1) or CCK+t-1,K)

Xi=# of b's
in this position

 $x_1 \ge 0$, $x_2 \ge 4$, $x_3 \ge 4$, $x_4 \ge 4$, $x_5 \ge 0$ $x_1 + x_2 + x_3 + x_4 + x_5 = 21 - 12 = 9$

2