A a,b



B a,b



a,b  
C



{A}^3 or

{ {A}^3 }\*

L1 = (0,1)(0)U(000,111)

L2 =(0,1)^2

(a) L1 = 0

(b) L2 = (0,0 1,0)

(c) L1 u L2 = (0)

(d) L1 n L2 = (00, 10)

(e) L2\L1 = (11, 01)

(F) L’1 = (0, 1, 111)

1. {1}{0,1}\*{0} = {10, 100, 110, 1110, 1010, 1100, 1000}
2. Cs



1. {w:{0,1}∗ |whaslengthatleast3∧ itsthirdsymbolisa0} = {000, 010, 100, 110} A B C D



1. {w : {0, 1}∗ | w starts with 0 and has odd length ∨ starts with 1 and has even length}



A B C



D E

