

9: 11.2,4,9,16,32,64, 129, 256, 512, 1024 9 11,8,27,64,1255

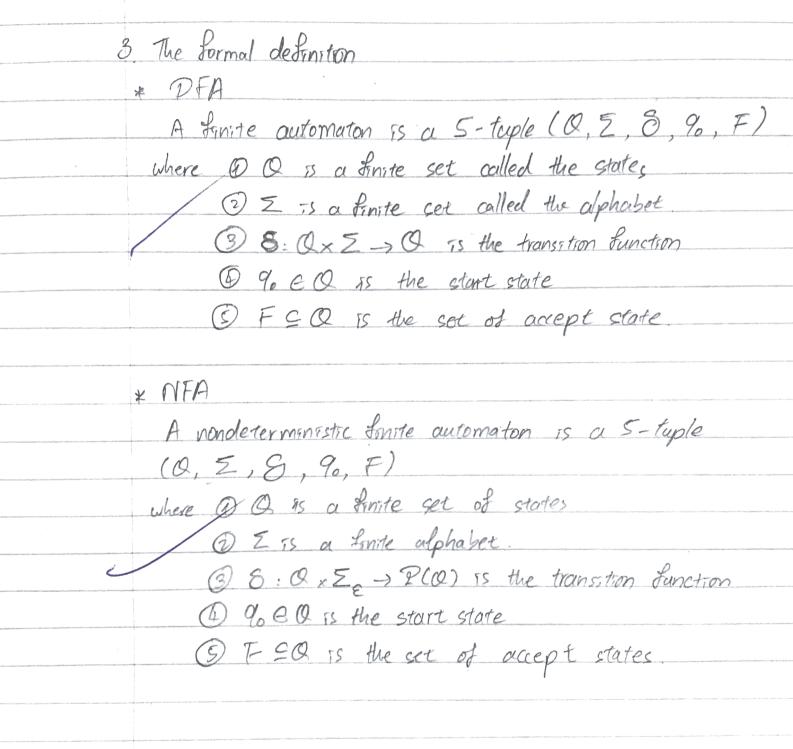
4 4 True

, 4 6 False

,56 False

19 9 True

1 Differentiate between · Set , Subset , Proper Subset , Power Set Alet A be a set A. 71, 2, 35 19: Subset 111 CA; 325 CA; 335 CA. Proper Set B= 11, 2, 3 & EA. So B is a proper set of A BER -) Power Set contains all subset of set P(A) - 20, 119, 129, 135, 11, 23, 31, 35, 32, 35, 31, 2,33 Domain is the set of all possible input to a function f(n).
Whereas Range is the output of function fin) Empty set : 105 and Empty Strings = 35 or E - Function is an object that set up on input and output relationship whereos Redation is a predicate, most typically when the domain is a set of k-tuples



* Regular Language is a longuage that is recognized by finite automaton. * Jegular expression is a special string for describing a search pattern. · Union AUB · Concutenation A.OB re A & B be languages.