

Pledge gwalson
Problem 2
a. Zw E Zaib3": w does not end in ba3
((aub) (60 aa))
b. {w \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
_
 even #15
(0+10+10+)+
S even # Os
(14014014)
(0410410x)4 (1401401A)A
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	Medge godson
	Problem 3
i .	Z = { a, b, 1, #}
	must begin /#
	end #/
	/# (aub)* #1
	missing if just / or #
	/# (aub) / U (#*(aub)) #1
	1# (aUbU / U (#*(2Ub))) #/
	Problem 4
	2. ξω: ω starts · ends ω same symbolg  Σ= ξθ, bs
	Σ= {0,6} 3,6,ε
	NFA →
	Relexe.
	(3 (3 N P) 4 3) N (P (3 N P) 4 P)
-	b. Z= {a b c d} L consts of all strings in which at least 1 symbolis
	which at least I symbolis
7	(bucud) "U (attoud) "U (aub ud) "U (aubuc)"
	60.00

0	y 4 continue	predge
	MG.	
	C. & w: w odd # a's and isev	en length
	10 20 10	
	(q <sub>1</sub> ) 4	