Date

	-	-				-
1. a. X. (x	Y	1 5	1x) + .	×*,	y .	#
1. 2	. 3	4	5.	6	7	3
follow fos	(1)	ż	€ 2,43	2		
-11-	(2)	-	€ 33	V .		
-11-	135	è	8 2,4,6	73		
-11 -	(4)	=	653			
-11-	(5)	٠	€ 2, 4, 6,	73		
-11 -	(6)	1	€ 6, 73			
-11 -	(7)	•	€83			
-11 -	(8)	-	<i>e</i> 3			

b. , () 3	Node	Wollable	FirstPos	LastPos
		False		
2 2	XY	—ы —	2	3
1 (4)8	Υ×	-11 -	4	5
	XY I YX	-11 -	2,4	3.5
1 (C)13 (Y)7	(xy lyx)+	~I[-	2, 4	3,5
136,67	X(XY 14x)+	-n-		3.5
(*)6	X*	-u-	6	6
13,5 6	((x+1/x)+x	-11-	1	35,6
$\sqrt{}$	(XY YX) X Y	- t1 -	k L	7
(X) (A) & X(# YX XY IXX	-H-	1	8
2,47 3,5				

. State	X	y , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,
7 6 13	€ 2,43		
62,43	£ 2, 43	653	
633		82,4,6,73	
653	62,4,6,73		
62,4.6,73	63,6,73	€ 5,83 €	
63, 6, 73	66.73	€ 2,4,6,7,89	
* 65,83	62,4,6,73	_	
6 6,73	6 6.73	683	
* 6 2,4,67	€ 3.6.73	(5,8 3	
* 683	_	-	_ ~
	(3)	× 7 3,6,	7-7617-76
-> (i) =	5 (2,4)	2,4,6,47	1
	120	7 7 5 5 ,9)	x 2,4,6,7
	No.		
. a.	4-29-1926	6-996	7 (90 - 190) }
(92) E	97 (0)	(G) - (92) - (93) (G)	O A
· ·	(50) - 62		(12) 788

b.1. Start State $(90) = 60, 1.2, 4.7) \rightarrow 50$ 2. Marger E - Close (50.9) = 63.83 = 61.2, 3.4.6.7.8.9. 11 3-753. E - Close $(50.6) = 653 = 61.2.4.5.6.73 \rightarrow 52$ 4. E - Close $(3.8)_{10} = 65.103 = 61.2.4.5.6.7.8.9.11_{123}$ 5. E - Close $(3.8)_{10} = 65.103 = 61.2.4.5.6.7.8.9.11_{123}$ 6. E - Close (5.9) = 63.83 = 517. E - Close (5.6) = 653 = 528. E - Close $(3.8.12)_{10} = 65.103 = 61.2.4.5.6.7.6.9.10.11.13.14.1535.45$ 10. E - Close $(3.8.12)_{10} = 65.103 = 61.2.4.5.6.7.6.9.10.11.13.14.1535.45$ 10. E - Close $(5.10)_{10} = 63.8.123 = 53.8.123$

13. 6-4056 (5,10,13) 5= E5,103 = 54k