MTH614

Assignment 1

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I hereby declare that I am the sole author of this work.

Problem 1

$S_1 = \{L, M, R\}$ $S_2 = \{l, r\} \times \{l^*, r^*\} = \{ll^*, lr^*, rl^*, rr^*\}$

Hence, $S = S_1 \times S_2 = \{(L, ll^*), (L, lr^*), (L, rl^*), (L, rr^*), (M, ll^*), (M, lr^*), (M, rl^*), (M, rr^*), (R, ll^*), (R, lr^*), (R, rl^*), (R, rr^*)\}$

		Player 2	
		A	B
A	A	A	
	L	(x,y)	(x,y)
Player 1 (x,y)	(x,y)		
	M	(x,y)	(x,y)
(x,y)	(x,y)		
	R	(x,y)	(x,y)
(x,y)	(x,y)		