

	Action			Goto	
	a	b	\$	A	S
0	S <sub>3</sub>	S <sub>4</sub>		2	1
1			Acc.		
2	S <sub>3</sub>	S <sub>4</sub>		5	
3	S <sub>3</sub>	S <sub>4</sub>		6	
4	r <sub>3</sub>	r <sub>3</sub>	r <sub>3</sub>		
5			r <sub>1</sub>		
6	r <sub>2</sub>	r <sub>2</sub>	r <sub>2</sub>		

State 4:  $A \rightarrow b.$

S:  $S \rightarrow AA.$

6:  $A \rightarrow aA.$

Because  $\text{follow}(A) = \{a, b, \$\}$

$\text{follow}(S) = \{\$\}$

$\text{follow}(A) = \{a, b, \$\}$