1. (See 2.) (See			3. A machine that could accept strings over a larger alphabet would be more powerful than a machine that could only accept strings over the alphabet
90	90	0.	\$0,13 in some cases, but be about equally as powerful in others. Assuming letters can be repre-
	40	9.	sented as bits in binary, and vice versa (ie. let
9,	92	9,	a=0, b=1, etc.), any letter in binary could be represented by a string of 8 1's and 0's, while any string of numbers could be represented by a string of a's and b's of the same length. There is an increase in the number of bits being
92	90	Q 3	
93	92	94	
94	94	24	processed in the letter-to-numbers conversion,
while there is no change in the numbers-to-letter conversion. Therefore, I think that except in cases where the input is very simple and there Does 0* allow for no 0's, too? is only a single (or around a single) bit to process, machines that accept strings over larger alphabets are more powerful than machines that only accept \$0,13.			