

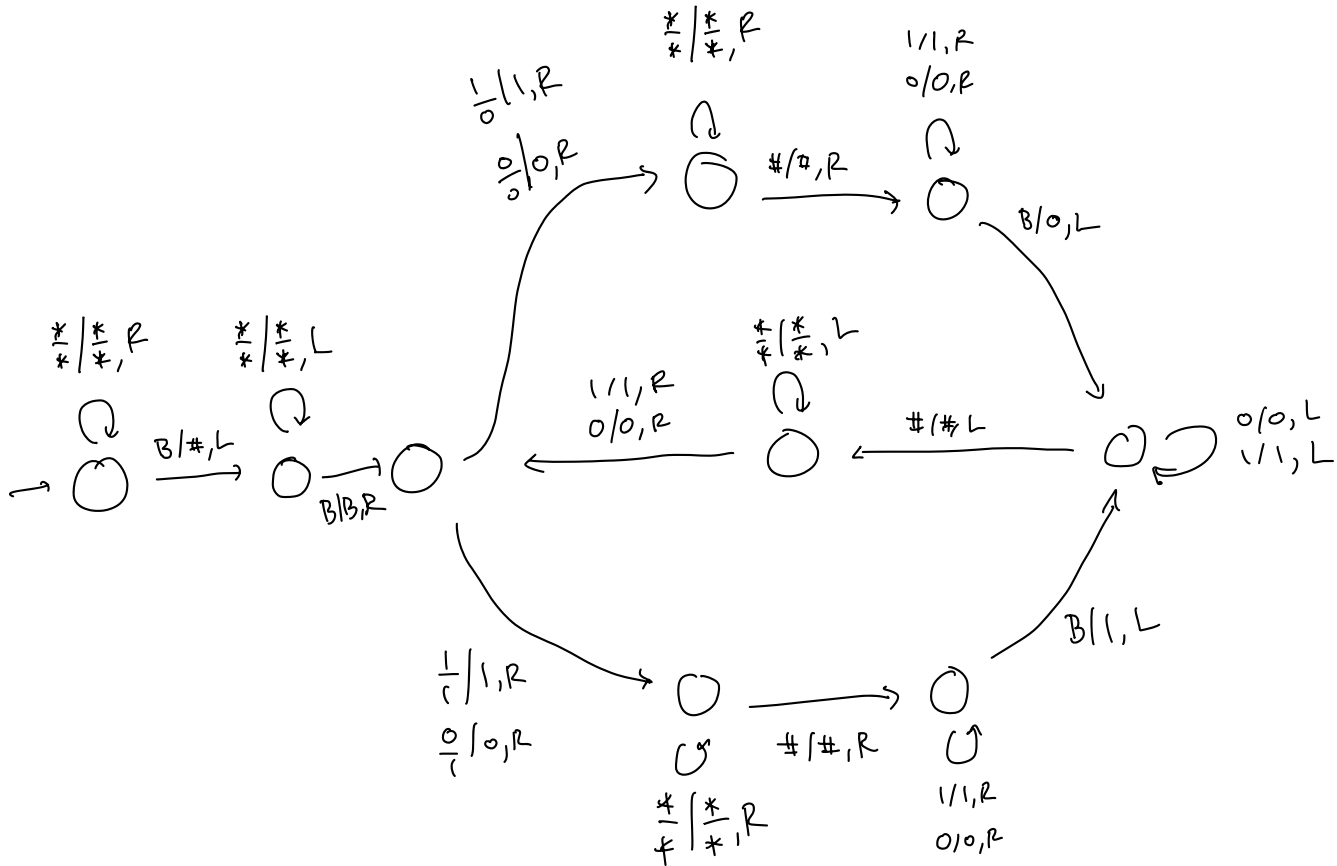
Math 3342 HW #12

3, 4, 5, 6

3

$\frac{*}{*} / \frac{*}{*}, R$ is shorthand for

$\frac{1}{1} / \frac{1}{1}, R$
 $\frac{1}{0} / \frac{0}{0}, R$
 $\frac{0}{1} / \frac{1}{1}, R$
 $\frac{0}{0} / \frac{0}{0}, R$



#4

First run the separated strings thru the TM

for #2 which will stack them.

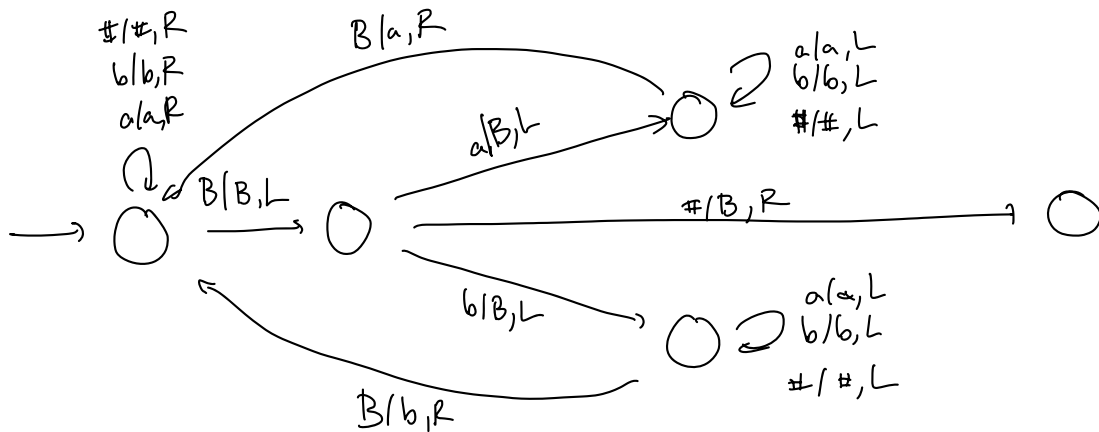
then run the TM from class to add them.

#5

For $x \# y$, I move all the way R, then copy the last letter of y on to the front of the string. Repeat until y

is all blank, then erase the $\#$.

You could also move letters of x down to the end.



#6

