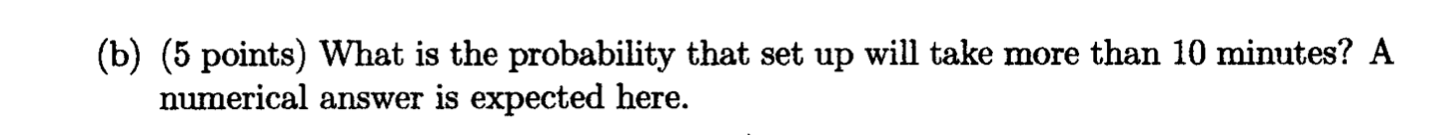
Text

Description automatically generated



Text, letter, email

Description automatically generated

Do sample path decomposition to determine the processing time for each job (table approach)

For a Markov chain *Sn* with state space *{1,2,3}* and one-step transition matrix  
  
  
  
do the following:

Draw the transition diagram.  
  
Compute  (a numerical answer is expected here).

Please use the example to go through the Markov chain slides and try to work out all calculations we have done in class.

