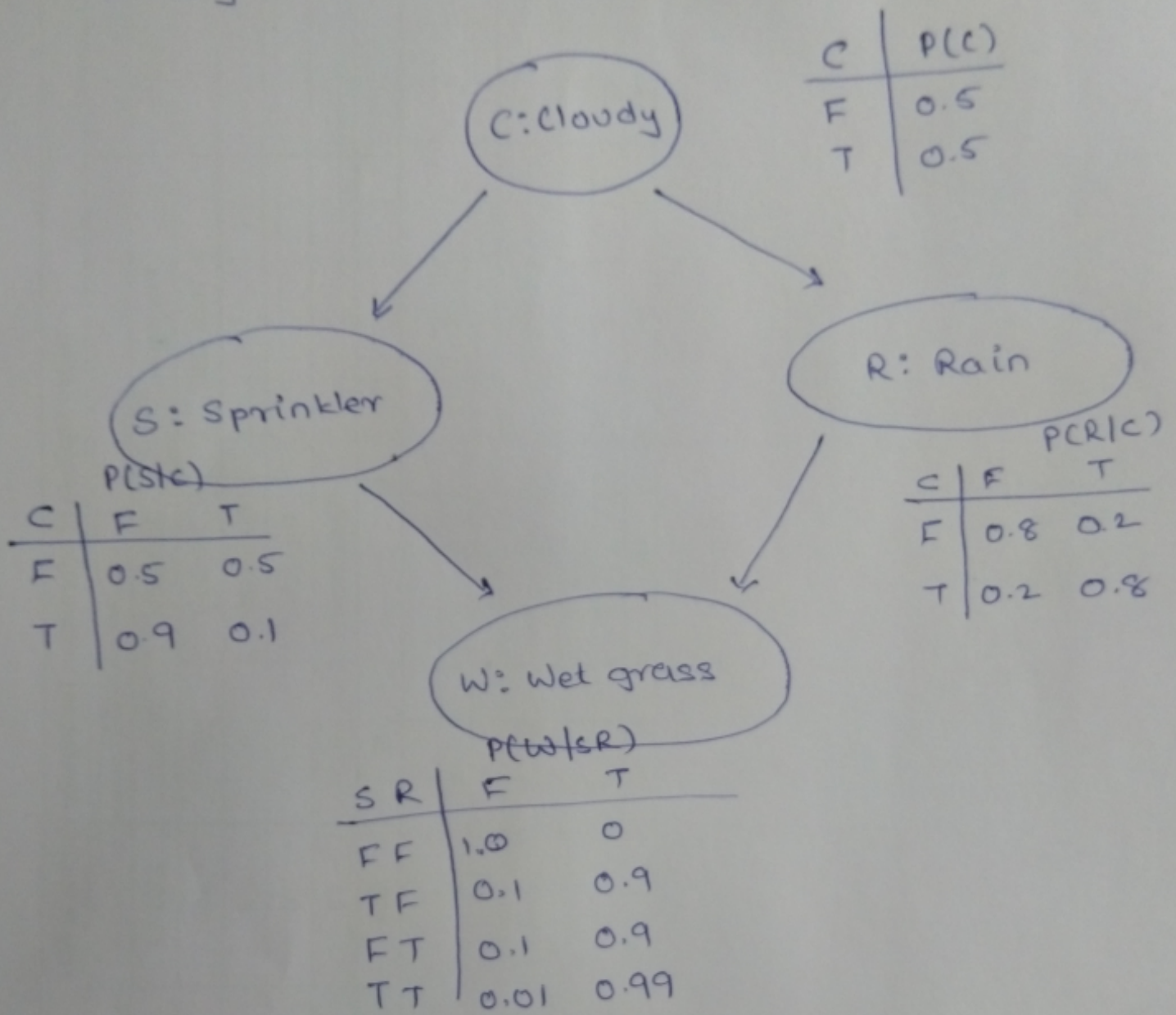


Q1. Consider the following graphical model with binary RVs  $\{C, S, R, W\}$ .



(a) Given that grass is wet, what is more likely rain or sprinkler is on? [5]

(b) Calculate  $P(W=T)$ . [5]