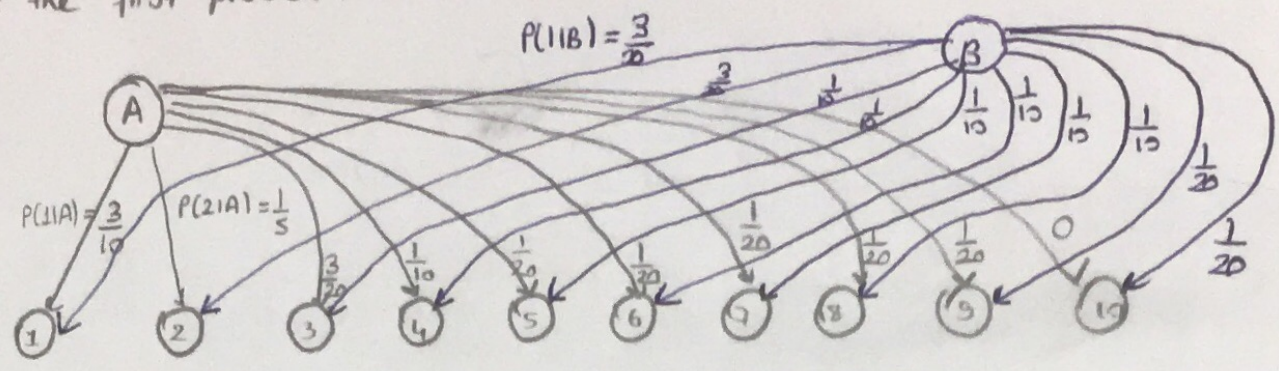


3) For the first problem:



For the second problem:

