In a focus group was designed to test the appeal of a new TV sitcom. 55% of the focus group was women. 80% of women and 60% of men said that they would watch the sitcom. What is the probability that a randomly selected person did not watch the sitcom? (Use a tree diagram)

In the state of Colorado license plates consist of 3 single digit numbers and 3 letters of the alphabet.   What is the probability that your license plate will be the combination 815-GCY?