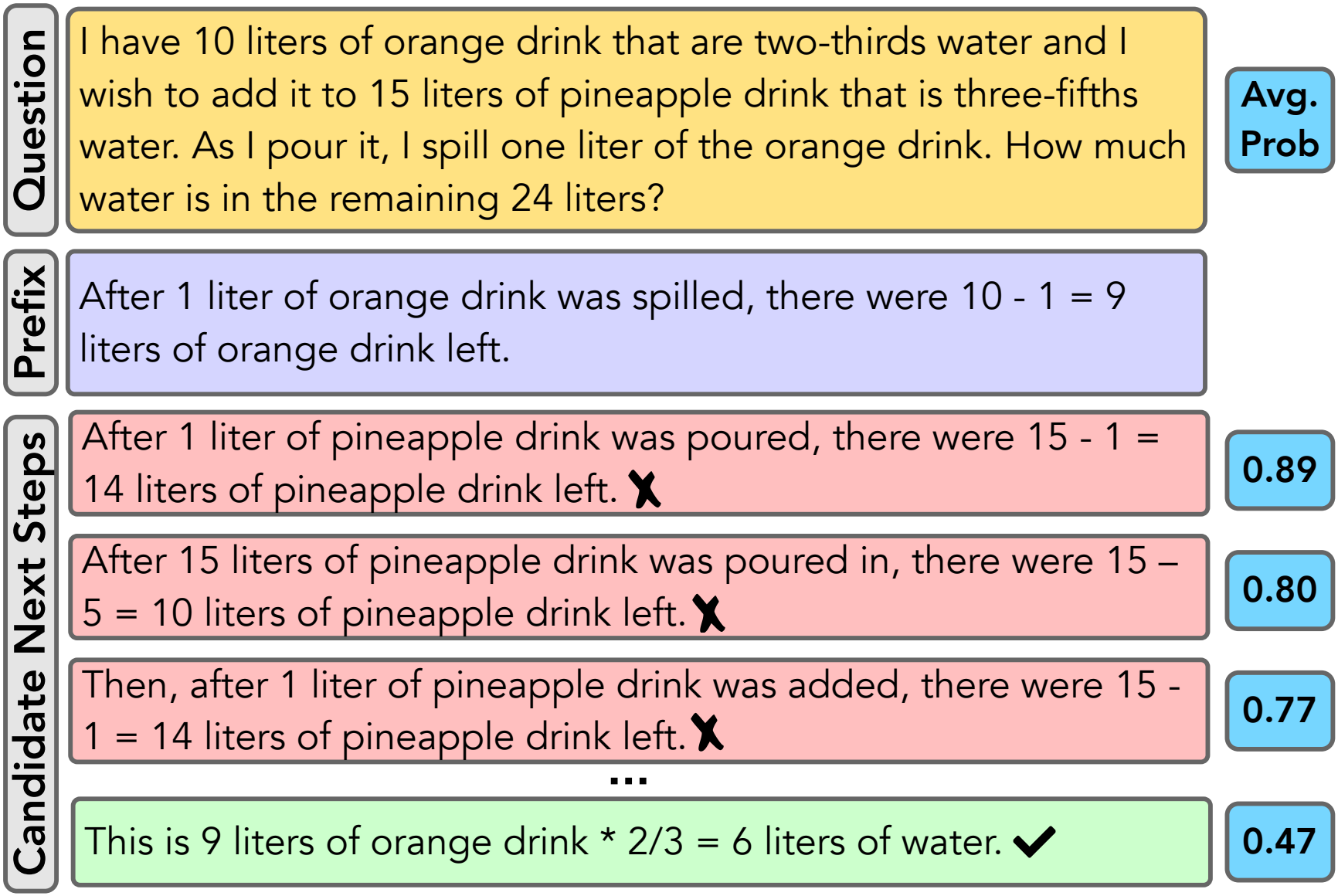

Question
I have 10 liters of orange drink that are two-thirds water and I wish to add it to 15 liters of pineapple drink that is three-fifths water. As I pour it, I spill one liter of the orange drink. How much water is in the remaining 24 liters?
Avg. Prob
Prefix
After 1 liter of orange drink was spilled, there were 10 - 1 = 9 liters of orange drink left.
Candidate Next Steps
After 1 liter of pineapple drink was poured, there were 15 - 1 = 14 liters of pineapple drink left. ✗
0.89
After 15 liters of pineapple drink was poured in, there were 15 – 5 = 10 liters of pineapple drink left. ✗
0.80
Then, after 1 liter of pineapple drink was added, there were 15 - 1 = 14 liters of pineapple drink left. ✗
0.77
...
This is 9 liters of orange drink * 2/3 = 6 liters of water. ✓
0.47