



Problem of the Week

Problem E

More Surprise Cupcakes

As part of their opening day celebration, Benny's Bakery made 150 cupcakes. The cupcakes all looked identical on the outside, but 6 of them had caramel inside. Customers who bought a cupcake with caramel won a free cake. The cupcakes were randomly arranged and customers were allowed to choose their own cupcakes.

Lin was the first customer in line and bought two cupcakes. Ming was next and also bought two cupcakes. What is the probability that at least one of Ming's cupcakes had caramel inside?

