Problem
of the Week

Pass the Pigs is a game where players roll two rubber pigs like dice. If the pig lands so that it is resting on its snout and ear, it is referred to as a leaning jowler. The probability of rolling a leaning jowler when rolling just one pig is 0.5%. If you roll both pigs together 500 times, what is the probability that you roll at least one double leaning jowler (a double leaning jowler means that both pigs land so that they rest on their snout and ear)?