There are 150 students in this class. Suppose that for an exam, Prof. McKinley makes a seating chart, but she tragically forgets it on the morning of the exam, so the students pick (uniformly) random seats.

Using indicator random variables, we showed that, in expectation (i.e., on average), **1 student** will sit in the same seat they were assigned. What is the probability that **5 or more students** sit in the same seat they were assigned?

*(Write down a guess!)*