

Name: _____

Date: _____

Assignment 5b: Challenge Probability Questions

1. Seven seats are lined up in a row. Two people went to sit on the seats. What is the probability that they sit next to each other?
2. A blue and red 20-sided dice are rolled. What is the probability that the number on the red die is greater than the blue die?
3. Amy rolls a five sided die and Brad rolls a ten sided die. Amy wins if her number is greater than Brad's. What is the probability that Amy wins?
4. Four people (A, B, C, D) line up in a row at random. What is the probability that "A" and "B" are next to each other but "C" and "D" are not next to each other?

