Total

Name _____

Worksheet 2 - Craps Mathematics of Casino Gambling 3450:491/591 Dr. Norfolk
Show your work.

1. You are at a Craps table, with \$5 on the pass line. The first roll is a 4. What is the probability that your bet will win?

2. You are at a \$1 Craps table, offering 5X free odds.

   (a) If you have \$1 on the pass line, and the point is a 5, what is the *maximum* odds bet that you can make, to get the correct odds?

   (b) If you put the amount above in free odds, and the shooter passes, how much will you win? (Do not include the money that you bet)

3. You are at a \$5 table, offering 2X odds. You have \$5 on the pass line, backed with full odds, and \$6 place bets on the 6 and 8. The point is 9.

   (a) What must the shooter roll next so that one of your bets wins?

   (b) What is the probability that one of your bets wins on the next roll?